



AddKan ADDITIVE MASTERBATCHES

Kandui's range of additive masterbatches is targeted for various applications. The active ingredients (additives) are very well dispersed in *AddKan* masterbatches to ensure desired properties at optimum dosage levels which translate to cost effective solutions for the processor.

SR. NO.	PRODUCT CODE	PRODUCT NAME	ACTIVE CONTENT	FUNCTION	PARTICULAR CHARACTERISTICS	MAIN APPLICATIONS
UV Stabilizer Masterbatches						
1	ADV/01/00002	UV NFG 20	20%		PE based 20% HALS type UV	PP/HDPE Raffia, PP/PE Pipes, HDPE/PP
2	ADV/01/00097	UV NFG 20 EC	20%		PE based 20% HALS type (Economic grade)	Nets, General-purpose Film, Mulch Film, PP Fibers & Filaments. Provides excellent light stability for thick sections & products having higher specific surface area
3	ADV/01/00092	UV NFG 30	30%		PE based 30% HALS type UV	
4	ADV/01/00160	UV NFG 20 EC 02	20%		PE based 20% HALS with Extender	
5	ADV/01/00174	UV NFG 20 EC 04	20%		PE based 20% HALS with Extender	
6	ADV/01/00017	UV FG 20	20%		PE based 20% 783 type UV	PP/HDPE Raffia, PP/PE Pipes, HDPE/PP Nets and General Moulding. It is a product of choice where indirect food contact approval is required
7	ADV/01/00123	UV FG 20 EC 06	20%		PE based 20% 783 type UV with Extender	
8	ADV/01/00095	LT GREEN FILM UV	20%	Absorbs ultraviolet rays of the sun and reduces deterioration of plastics resulting in long-term protection	Special sulphur resistant and high molecular weight UV masterbatch suitable for very thin section application like PE greenhouse film and PP fibres.	PE/PP Thin film, Green House Film, Tarpaulin, PP fiber
9	ADV/01/11847	UV NFG 25 SPL13	20%	Absorbs ultraviolet rays of the sun and reduces deterioration of plastics resulting in long-term protection	It is specially designed for agricultural applications and has excellent stability against Sulphur and Chlorine based pesticides. It is based on synergistic combination of UV additives.	PE/PP Mulch Film, Green House Film, Tarpaulin, fiber and film
10	ADV/02/00028	PPR PP UV FG	10%		This is stable against hydrolysis (no loss in Oxidative Induction time). High molecular weight UV additive for long-term retention	PPR Pipes. It can be also used in Blow Moulded and under-the-hood automotive parts. In combination with AddKan LTHA Masterbatch, the life span of PPR Pipes and plastic articles having these additives will be enhanced significantly
11	ADV/02/00068	ROYAL UV NFG	20%		PP based 20% HALS type UV (with Extender)	PP Raffia, PP Pipes. Provides excellent light stability for thick sections & products having higher specific surface area
12	ADV/02/00134	PP UV FG 20 LT	20%		PP based 20% Food Grade UV for long-term retention	PP Raffia, PPR pipes, PP Multifilament & Fibres
13	ADV/02/00182	PP UV NFG 30	30%		Higher active content and combination of radical interceptors with specialty additive gives strong synergistic effect.	PP films, Raffia, Moulding, Extrusion
14	ADV/02/10567	UV FG SPL 08	20%		Provides long-term heat aging properties. Having better gas fading resistance	PP Automobile, Pipes, Nets, Fibres, Filaments
15	ADV/02/00163	PP UV NFG 20 SPL 02	20%		PP Based 20% UV Non Food Grade for long-term stability	PP Raffia, PP Mono & Multifilament, PP Non-Woven etc.
16	ADV/02/00061	PP UV FG 20	20%		PP based 20% 783 type UV	PP/HDPE Raffia, PP/PE Pipes, HDPE/PP Nets and General Moulding. It is a product of choice where indirect food contact approval is required
17	ADV/02/00079	PP LT RT UV FG	20%		Highly effective PP based light stabilizer with excellent colour and thermal stability. Resistant to chemical attacks with optimal stabilization properties. High molecular weight UV additive for long-term retention	PP Raffia, PP Pipes, PP Nets, PP Fibers & Filaments. Provides long-term heat aging properties
18	ADV/07/00063	KANDUILIGHT 01 FG	20%		This is a very innovative PBT based UV Masterbatch for polyester fiber applications. It is a strong absorber of ultraviolet radiation in the 300-400nm region and has a high degree of photo stability - Photochemical energy absorbed in the ultraviolet region is dissipated as thermal energy. Hence prevents light and oxygen decomposition.	It is particularly suitable for high surface area, such as Polyester Staple Fiber,
19	ADV/07/00064	KANDUILIGHT 02 FG	20%			
20	ADV/07/00142	KANDUI LIGHT 03 FG	20%			

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Slip Masterbatches						
1	ADV/01/00046	SLOW SLIP	10%	Lowers the friction between film layers and other surfaces. In order to be effective the slip additive requires migrating to the surface & therefore requires a certain degree of incompatibility with the polymer	Euracamide based slip additive for PE film. Improves transparency and gloss	All type of PE Film. Allows delayed/offline printing
2	ADV/01/00026	FAST SLIP	10%	Quickly blooms on the surface of the film to impart slip properties and reduce coefficient of friction (COF). Film made with fast slip additives should be printed immediately after they are made as later on slip additives may hinder with adhesion of lamination film or printing inks	Oleamide based slip additives. Improves gloss	General-purpose PE Film in which printing is done online

Gloss & Shine Masterbatches						
1	ADV/01/00020	HIGH GLOSS	2%	Improves gloss & brightness of the plastic item (which may have reduced due to the addition of reprocessed materials), also helps in increasing production output	It improves gloss & brightness of any plastic product	LDPE and HDPE Carry Bags

Antistatic Masterbatches						
1	ADV/01/00042	ANTISTATIC LT	10%	Dissipates the static charges developed on the surface of any plastic product	Combination of antistatic additives for synergistic effect, which creates long lasting antistatic properties	PE : Monolayer and Multilayer Blown Film PP : Non-Woven & Moulding
2	ADV/01/11880	ANTISTATIC LT 11880	30%	Dissipates the static charges developed on the surface of any plastic product	Highly loaded and combination of antistatic additives for synergistic effect, which creates long lasting antistatic properties	PE/PP Foams , Wrappings films , Monolayer films , Multilayer films , Moulding

Antioxidant Masterbatches						
1	ADV/01/00025	AO MB 10	10%	Slows down or completely stops polymer degradation due to oxidation	Antioxidant Masterbatch in virgin material increases the Oxidation Induction Time (OIT) value which is an Indication of time taken for plastics to start degradation. During processing of plastics addition of Antioxidant Masterbatch helps in retaining the mechanical properties of the end application	All Extruded/Moulded products processed at high temperature, long residence time, especially Multilayer Film, Monolayer Film, recommended to use while reprocessing of polymers
2	ADV/02/00084	PP ANTIOXIDANT MB	10%			All Extruded/Moulded products processed at high temperature, long residence time, especially PP Film, PP Fiber, PP Moulding, recommended to use while reprocessing of polymers
3	ADV/02/11710	PP ANTI OXIDANT LTHA	25%	PP base high performance Antioxidant master batch imparting Long Term Heat Aging stability, prevent loss in mechanical properties, maintain surface finish, gloss and prevent discoloration.	PP base high performance Antioxidant master batch made of synergistic combination of antioxidant additives.	PP Injection Moulding , Blow Moulding , Non-Woven
4	ADV/09/11881	PA ANTIOXIDANT LTHA PA 11881	40%	A specialized Nylon LTHA masterbatch with antioxidants and heat stabilizers to boost thermal and oxidative stability, enhancing performance and durability during processing and end use	Ensures excellent thermal stability and smooth processing for all polyamides, while protecting against oxidation and preserving strength and toughness in synergy with other additives.	Nylon Couduit tubes, pipes, sheet, injection articles etc.

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Polymer Processing Aid (PPA) Masterbatches						
1	ADV/01/00152	PPA-06	2%	Eliminates melt fracture, reduces die build up, improves film surface, eliminates shark skin effect, reduces gel formation and increases production output	Improves processing and imparts gloss to the end product	PE: Blown Film (Multilayer Film, Monolayer Film), Cast Film, Extruded pipe, Wire and Cable, Injection and Blow Moulded products
2	ADV/01/00031	PPA-1	2%			
3	ADV/01/00062	PPA-4	3%			
4	ADV/01/00049	PPA 03	0.50%	Eliminates melt fracture, reduces die build up, improves film surface, eliminates shark skin effect, reduces gel formation and increases production output		PE/PP Monolayer films, Multilayer films, Raffia

Optical Brightener (OB) Masterbatches						
1	ADV/01/00032	ECO BRIGHT	1%	Absorbs ultra violet light (invisible light) and re-emits most of the absorbed energy as visible blue light, this imparts extra brightness and whiteness and eliminates the inherent yellowish dull appearance	Very effective optical brightener in combination with speciality additives for gloss improvement	PP & PE : All Extruded/Moulded plastic articles requiring extra bluish undertone, whiteness and brightness
2	ADV/01/00091	SPECIAL BRIGHT	2%			
3	ADV/02/00143	HITEX OB 10	10%	This imparts extra brightness and whiteness and eliminates the inherent yellowish dull appearance	High concentration of optical brightener giving better effects at lower dosage	Recommended for PP Multifilament, Non-Woven, Raffia etc.
4	ADV/01/00135	SS BRIGHT	2.50%	Absorbs ultra violet light (invisible light) and re-emits most of the absorbed energy as visible blue light, this imparts extra brightness and whiteness and eliminates the inherent yellowish dull appearance	Very effective optical brightener in combination with speciality additives for gloss improvement	PP & PE : All Extruded/Moulded plastic articles requiring extra bluish undertone, whiteness and brightness
5	ADV/09/00065	NYLON FILAMENT BRIGHTNER	1%	Absorbs ultra violet light (invisible light) and re-emits most of the absorbed energy as visible blue light, this imparts extra brightness and whiteness and eliminates the inherent yellowish dull appearance	High stable optical brightener for Nylon	Nylon (POY/FDY)
6	ADV/09/00144	KAPOK NY OPTICAL BRIGHT-10020 SRF	5%	Absorbs ultra violet light (invisible light) and re-emits most of the absorbed energy as visible blue light. This imparts extra brightness and whiteness and eliminates the inherent yellowish dull appearance	High stable optical brightener for Nylon	Nylon (POY/FDY)

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Desiccant Masterbatches						
1	ADV/01/00034	DESICCANT MB 02	75%	This product chemically binds moisture during processing and allows usage of higher levels of reprocess polymers and fillers to be used	Very fine desiccant additive suitable for thin film	Monolayer films, Multilayer films, Raffia, Moulding, Extrusion, Manufacturing of Reprocessed polymers
2	ADV/01/00051	DESICCANT MB 04	30%	This product chemically binds moisture during processing and allows usage of higher levels of reprocess polymers and fillers to be used	Economical version	Monolayer films, Multilayer films, Raffia, Moulding, Extrusion, Manufacturing of Reprocessed polymers
3	ADV/01/00148	WATER-SUKKER®	82%	This product chemically binds moisture during processing and allows usage of higher levels of reprocess polymers and fillers to be used	Very fine desiccant additive suitable for thin film	Monolayer films, Multilayer films, Raffia, Moulding, Extrusion, Manufacturing of Reprocessed polymers
4	ADV/01/10661	WATER-SUKKER® 05	50%	This product chemically binds moisture during processing and allows usage of higher levels of reprocess polymers and fillers to be used		Monolayer films, Multilayer films, Raffia, Moulding, Extrusion, Manufacturing of Reprocessed polymers
5	ADV/01/10665	WATER-SUKKER® 06	75%	This product chemically binds moisture during processing and allows usage of higher levels of reprocess polymers and fillers to be used		Monolayer films, Multilayer films, Raffia, Moulding, Extrusion, Manufacturing of Reprocessed polymers
6	ADV/01/11799	WATER-SUKKER® 11799	83%	This product chemically binds moisture during processing and allows usage of higher levels of reprocess polymers and fillers to be used	Economical version	Monolayer films, Multilayer films, Raffia, Moulding, Extrusion, Manufacturing of Reprocessed polymers
7	ADV/01/11851	WATER-SUKKER® 11851	82%	This product chemically binds moisture during processing and allows usage of higher levels of reprocess polymers and fillers to be used		Monolayer films, Multilayer films, Raffia, Moulding, Extrusion, Manufacturing of Reprocessed polymers
8	ADV/01/11852	WATER-SUKKER® 11852	82%	This product chemically binds moisture during processing and allows usage of higher levels of reprocess polymers and fillers to be used		Monolayer films, Multilayer films, Raffia, Moulding, Extrusion, Manufacturing of Reprocessed polymers

Antiblock Masterbatches						
1	ADV/01/00088	ANTI BLOCK 05	10%	It minimizes adhesion and thus lowers the blocking force between the layers. Once compounded into polymer these additives create micro rough surface which reduces the adhesion between film layers and increases the anti-blocking effect	Organic antiblock for very transparent film	Transparent LLDPE, LDPE & HDPE Film
2	ADV/01/00078	ANTI BLOCK 04	25%	Antiblocking additive minimizes film to film surface contact and reduces blocking effect. The additive reduces coefficient of friction between the layers and also maintains the gloss in film	Silica based antiblock masterbatch for transparent film	PE : Monolayer Film, Multilayer Film
3	ADV/01/00172	PE ANTIBLOCK TR-19	15%		Organic Antiblock with Slip & Antistatic	
4	ADV/01/00052	ANTI BLOCK 01	50%		Silica based Antiblock for translucent film/HM film etc.	
5	ADV/01/00173	PE MATTE FINISH 01	50%	In many application glossy surface is not preferred & some films need to be with mat finish. The additive present improves the mat finish effect in PE film	Combination of several Antiblocks creating mat finish	PE/PP Films & Sheets
6	ADV/06/00054	ANTI BLOCK 03	40%	This can be used for reducing adhesion between films. The presence of other additives gives better shining and reduces yellowing	EVA based Antiblock. Low melting components suitable for rubber compounding	EVA Film. It can be used for all type of PE and PP Films at lower addition. It also improves strength
7	ADV/07/00132	PET ANTI BLOCK HZ	10%	Prevents adhesion between films	Silica based Antiblock with slight effect on transparency	PET Films, Sheets



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Nucleating Masterbatches						
1	ADV/02/00118	NUCLEATING PP 04	10%	PP is a semi crystalline polymer, thus products made with PP looks hazy. AddKan Nucleating Masterbatch increases the crystallization rate and the overall percent of crystallinity of the polymer which improves the clarity significantly	Improves transparency, stiffness stress & crack resistance in PP products	PP Moulding & Sheets

Anti-Fog Masterbatches						
1	ADV/01/00184	ANTI FOG PE 03	15%	It minimizes the surface tension resulting in a non-scattering film of water instead of single droplets thereby decreasing fogging and increasing the transparency.	Suitable to use in both hot and cold climate.	PE/PP Hot & Cold food packaging, Agricultural Films, Monolayer & Multilayer Films

Antimicrobial Masterbatches						
1	ADV/01/00154	PE ANTIMICROBIAL 14	10%	Protects the surface from staining and degradation caused by microorganisms. Maintains hygiene by controlling/decreasing the amount of micro-organisms on the object surface	Very effective additive based on nano silver technology. FDA approval	Moulded articles, Film, Sheet, Fiber, Raffia, Nonwoven etc.
2	ADV/01/00157	PE ANTIMICROBIAL 15	10%	Protects the surface from staining and degradation caused by microorganisms. Maintains hygiene by controlling/decreasing the amount of micro-organisms on the object surface	Very effective additive based on nano silver technology	Moulded articles, Film, Sheet, Fiber, Raffia, Nonwoven etc.
3	ADV/02/00039	ANTIMICROBIAL	5%	Protects the surface from staining and degradation caused by microorganisms. Maintains hygiene by controlling/decreasing the amount of micro-organisms on the object surface	Very effective additive based on nano silver technology	PP : Injection moulding, Film, Sheet, Foam, Fiber, Tape, Coating, PPR Pipe and many more PP based products
4	ADV/07/00083	PET ANTIBACTERIA	20%	Numerous bacteria tend to grow on fabrics that causes foul odour and skin diseases. This Masterbatch is effective at low levels against a wide range of micro-organisms	Very effective silver-based antimicrobial additive in a PBT carrier resin	Polyester : POY, PSF, FDY & BCF Fibers

Anti-Ripening Masterbatches						
1	ADV/02/11804	ANTI-RIPENING MB 11804	10%	Absorbs and neutralizes ethylene, Reduces food waste and enhances sustainability,	Good thermal stability and excellent dispersion	Fruits and vegetable packaging films, Fresh farm produce wraps, Specialty food packaging solutions

Anti-Rodent & Termite Masterbatches						
1	ADV/06/00070	ANTI RODENT MB PE 01	10%	Rodent has got the biting nature. They chew plastic products like tarpaulins, power cables, wires, plastics doors etc. AddKan Anti Rodent emits chemicals and very bitter compounds that repel rodents from attacking these plastics products	With mint smell	PP, PE, PVC, ABS, NYLON: Tarpaulin, Garbage Bag, Grain-packing Bag, Domestic/Industrial Cables, Automobile Cables, Plastic Door & Furniture etc.
2	ADV/01/00116	ANTI RODENT MB PE 02	10%			PP, PE: Tarpaulin, Garbage Bag, Grain-packing Bag, Domestic/Industrial Cables, Automobile Cables, Plastic Door & Furniture etc.
3	ADV/01/11717	PE ANTI RODENT MB	10%	It is highly bitter compounds unpleasant to rodents and termites. After the first bite they get dissuaded from biting the surface again and transmit the information to their community which thereby starts avoiding it.	It is odour free natural white colour, Human safe, Environmental friendly.	PE/PP Tarpaulin, Garbage Bag, Grain Packing bag, Cables, Pipes, Furniture



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Mould Release Masterbatches						
1	ADV/07/00085	PET RELEASE MB	10%	In high output PET preform machines short weights are generated due to inconsistent flow and mould sticking. Mould release sprays will cause production loss. Use of this MB will help to reduce processing temperatures and cycle times by stabilizing flow characteristics	Reduce cycle time & rejections due to shrinkage	PET Moulding, PET Preform, Blood collection tubes
2	ADV/07/00499	PET RELEASE MB -04	10%	In high output PET preform machines short weights are generated due to inconsistent flow and mould sticking. Mould release sprays will cause production loss. Use of this MB will help to reduce processing temperatures and cycle times by stabilizing flow characteristics	Reduce cycle time & rejections due to shrinkage, FDA Approved	PET Moulding, PET Preform, Blood collection tubes
3	ADV/07/11780	PET MOULD RELEASE	10%	In high output PET preform machines short weights are generated due to inconsistent flow and mould sticking. Mould release sprays will cause production loss. Use of this MB will help to reduce processing temperatures and cycle times by stabilizing flow characteristics	Reduce cycle time & rejections due to shrinkage, FDA Approved	PET Moulding, PET Preform, Blood collection tubes
4	ADV/07/11819	PET RELEASE 11819	10%	In high output PET preform machines short weights are generated due to inconsistent flow and mould sticking. Mould release sprays will cause production loss. Use of this MB will help to reduce processing temperatures and cycle times by stabilizing flow characteristics	Reduce cycle time & rejections due to shrinkage, FDA Approved	PET Moulding, PET Preform, Blood collection tubes
5	ADV/07/11824	PET MOULD RELEASE 11824	10%	In high output PET preform machines short weights are generated due to inconsistent flow and mould sticking. Mould release sprays will cause production loss. Use of this MB will help to reduce processing temperatures and cycle times by stabilizing flow characteristics	Reduce cycle time & rejections due to shrinkage, FDA Approved	PET Moulding, PET Preform, Blood collection tubes
6	ADV/08/00075	MOULD RELEASE 01	10%	It is a SAN based additive, which stabilizes the flow during moulding process causing smooth mould release	Reduce cycle time & rejections due to shrinkage	SAN & ABS : Moulding application
7	ADV/08/11949	ABS RELEASE 11949	10%	It is a SAN based additive, which stabilizes the flow during moulding process causing smooth mould release	Reduce cycle time & rejections due to shrinkage	SAN & ABS : Moulding application

Perfume Masterbatches						
1	ADV/01/00073	LEMON PERFUME MB	40%	Perfume masterbatches offer advantages like enhanced consumer appeal, long-lasting and consistent fragrance release, improved product differentiation by creating a more pleasant sensory experience for consumers by masking the inherent odour of plastic resins	Lemon Fragrance	PP & PE : Moulded articles, Nets, Disposables etc.
2	ADV/01/00096	JASMINE PERFUME MB	40%		Jasmine Fragrance	
3	ADV/01/00099	ROSE PERFUME MB	40%		Rose Fragrance	
4	ADV/01/00102	LAVENDER PERFUME MB	40%		Lavender Fragrance	

Antiscratch Masterbatches						
1	ADV/07/00098	PET ANTI SCRATCH	10%	PET naturally exhibits very high surface friction, especially immediately after processing. In today's high output production lines, the problem gets further amplified, this can lead to increased scratching, problem with flow lines, reduced packing density and wastage generation. Kandui Anti Scratch Masterbatch tackles all these issues in a smarter way	Very effective at lower addition	PET: Preform, Bottle, Sheet, Injection Moulded Product



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Flame Retardant Masterbatches						
1	FRT/02/11926	KANDUI FIREFIGHTER® PP 11926	65%	A halogenated PP flame retardant masterbatch that improves the fire safety of materials by inhibiting ignition, slowing the rate of combustion, and reducing the spread of flames, thereby providing additional time for evacuation and minimizing property damage.	This PP flame retardant masterbatch can achieve UL-94 V2 and V0 ratings at minimal let-down ratios, helping retain the base polymer's mechanical properties.	PP Conduit tubes, pipes, sheet, injection articles etc.
2	FRT/02/11890	KANDUI FIREFIGHTER® PP 11890	60%	A halogenated PP flame retardant masterbatch that improves the fire safety of materials by inhibiting ignition, slowing the rate of combustion, and reducing the spread of flames, thereby providing additional time for evacuation and minimizing property damage.	Very minimal dosage is required to achieve inherent properties as per various international standards NFPA, DIN, UL 94, ISO etc.	PP: Raffia, Non-Woven, Fibre, Film, Sheet, Carpet and Moulding
3	FRT/01/11722	KANDUI FIREFIGHTER® PP 11722	85%	A non-halogenated flame retardant masterbatch that improves the fire safety of materials by inhibiting ignition, slowing the rate of combustion, and reducing the spread of flames, thereby providing additional time for evacuation and minimizing property damage.	This PP flame retardant masterbatch can achieve UL-94 V0 rating providing a thick char formation insulation the material	PP Electrical pipes, sheet, injection articles etc.
4	FRT/02/11796	KANDUI FIREFIGHTER® PP 11796	20%	A non-halogenated flame retardant masterbatch that improves the fire safety of materials by inhibiting ignition, slowing the rate of combustion, and reducing the spread of flames, thereby providing additional time for evacuation and minimizing property damage.	This PP flame retardant masterbatch can be combined with UV and can meets stringent fire safety standards to ensure reliability and safety across various applications: DIN 4102-1, Class B2, FMVSS 302, VW TL 1010, UL 94 VTM-0 & 2	PP/PE: FR MB for UV Stabilized Polyolefin Films, Raffia & Fibers
5	FRT/06/11854	KANDUI FIREFIGHTER® EVA 11854	45%	A halogenated flame retardant masterbatch that improves the fire safety of materials by inhibiting ignition, slowing the rate of combustion, and reducing the spread of flames, thereby providing additional time for evacuation and minimizing property damage.	A versatile EVA-based FR masterbatch that delivers reliable UL-94 V0 performance across a wide range of applications	EVA films and sheets, automotive components, foamed products like cushioning or insulation, and wire & cable compounds.
6	FRT/07/00011	KANDUI FIREFIGHTER® PET 11	50%	A non-halogenated flame retardant masterbatch that improves the fire safety of materials by inhibiting ignition, slowing the rate of combustion, and reducing the spread of flames, thereby providing additional time for evacuation and minimizing property damage.	A well-engineered, non-halogenated PET FR masterbatch delivering >30% LOI, FMVSS 302, and NFPA 701 compliance across diverse applications.	All type of Polyester Textiles and monofilaments
7	FRT/07/11860	KANDUI FIREFIGHTER® PET 11860	20%	A cost effective non halogenated flame retardant masterbatch that improves the fire safety of materials by inhibiting ignition, slowing the rate of combustion, and reducing the spread of flames, thereby providing additional time for evacuation and minimizing property damage.	A well-engineered, non-halogenated PET FR masterbatch delivering >30% LOI, FMVSS 302, and NFPA 701 compliance across diverse applications.	All type of Polyester Textiles and monofilaments
8	FRT/09/11878	KANDUI FIREFIGHTER® 11878	50%	A non-halogenated flame retardant masterbatch that improves the fire safety of materials by inhibiting ignition, slowing the rate of combustion, and reducing the spread of flames, thereby providing additional time for evacuation and minimizing property damage.	A tailored FR MB for extrusion and injection-moulded Nylon products and can achieve UL-94 V2 rating at minimal let-down ratios, helping retain the base polymer's mechanical properties.	Electronics & Electrical enclosures, Automotive components, Wire & Cable protection pipes and ducts, Consumer Electronics etc.
9	FRT/09/11879	KANDUI FIREFIGHTER® 11879	50%	A non-halogenated flame retardant masterbatch that improves the fire safety of materials by inhibiting ignition, slowing the rate of combustion, and reducing the spread of flames, thereby providing additional time for evacuation and minimizing property damage.	This nylon flame retardant masterbatch can achieve UL-94 V0 rating providing a thick char formation insulation the material	Components of Mass Transport (Trains, Ships, Subways), Electronics & Electrical enclosures, Automotive components, Wire & Cable protection pipes and ducts, Consumer Electronics etc.
10	FRT/04/11779	KANDUI FIREFIGHTER® PC 11779	70%	A halogenated PP flame retardant masterbatch that improves the fire safety of materials by inhibiting ignition, slowing the rate of combustion, and reducing the spread of flames, thereby providing additional time for evacuation and minimizing property damage.	This PC flame retardant masterbatch can achieve UL-94 V0 rating at minimal let-down ratios, helping retain the base polymer's mechanical properties.	Electronics & Electrical enclosures, Automotive components, Consumer Electronics etc.



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Glow in the dark Masterbatches						
1	ADV/01/00108	NIGHT GLOW	40%	It is a photo luminescent masterbatch. In dark it generates a beautiful green glow that is attractive and unique. It absorbs light energy from the daylight or from any other light source and emits/glow in dark. The maximum glow time is 8-10 hours based on exposure	Semi translucent white in day light	PP Moulding
2	ADV/01/00110	NIGHT GLOW LT GREEN	40%		Semi translucent light green in day light	PS (HIPS & GPPS): Moulding, Extrusion, Toys, Household Items
3	ADV/03/00109	NIGHT GLOW LT GREEN PS	40%		Semi translucent light green in day light	
4	ADV/03/00111	NIGHT GLOW PS	40%		Semi translucent white in day light	

Light Diffuser Masterbatches						
1	ADV/04/00137	PC DIFFHANCE MB	10%	It is a PC based light diffuser masterbatch, effectively scatters & diffuse harsh light into softer form without significantly reducing light transmission in PC products.	High Light Diffusion, eliminates hot spots, low Refractive Index	PC LED light profile , LED light panel
2	ADV/04/12167	PC DIFFHANCE MB 12167	12%	It is a PC based light diffuser masterbatch, effectively scatters & diffuse harsh light into softer form without significantly reducing light transmission in PC products.	High Light Diffusion, eliminates hot spots, low Refractive Index	PC LED light profile , LED light panel

Volatile/Vapour Corrosion Inhibitor (VCI) Masterbatches						
1	ADV/01/10399	VCI MB 01	15%	It provides a protective barrier against the damaging effects of corrosion of metal by releasing vapour-phase corrosion inhibitors that form a protective layer on the metal surfaces by neutralizing these corrosive agents that contribute to the corrosion process.	Gives multi metal protection, RoHS compliant	PE/PP VCI Film , VCI Corrugated Container , VCI Moulding Parts , VCI Foam , VCI Bubble Wrap

Odour Neutraliser Masterbatches						
1	ADV/01/11855	ODOUR NEUTRALIZER 11855	60%	Specially formulated to eliminate unwanted odours caused by the use of reprocessed PE and PP (fully or partially) in polymer processing.	Eliminate bad odours - Neutralizes sulphurous, acidic, or volatile organic odours. RoHS complied.	Recycled PE/PP - Injection Moulding, Blow Moulding , Household , Packing Bags, Extrusion

Foaming Masterbatches						
1	ADV/01/11872	FOAMING MB 11872	45%	Based on high-performance additive designed to promote controlled foaming in HDPE and PP. It helps reduce product weight without compromising its strength and performance.	Sustainable solution, Product weight reduction and cost saving, Uniform foam cell structures	PE/PP - Blow Moulding, Injection Moulding, Extruded Pipe and Profile , Foamed Sheet



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SR. NO.	PRODUCT CODE	PRODUCT NAME	ACTIVE CONTENT	FUNCTION	PARTICULAR CHARACTERISTICS	MAIN APPLICATIONS
Melt Flow Index (MFI) Modifier Masterbatches						
1	ADV/01/11936	MFI MODIFIER 11936	5%	A specially designed masterbatch to modify effective molecular weight and viscosity of Polyethylene & Polypropylene. For PE: Melt flow decreases, Enhanced melt strength, Improved parison stability in extrusion blow moulding, Reduced melt sagging during pipe extrusion For PP: Melt flow increases, Efficient mould filling during multi-cavity injection moulding for thin wall containers. Improved overall processability	Melt flow modification for both PE & PP. Compliance: RoHS, EU NO. 10/2011, US FDA, PFAS Free	PE/PP - Moulding, Extrusion blow Moulding, Blow Moulding, pipe, film, fibre & filament, Non-Woven, Recycling
2	ADV/01/11963	MELT FLOW MODIFIER 11963	3%	For PP: Melt flow increases, Efficient mould filling during multi-cavity injection moulding for thin wall containers, Reduced melt pressure during filament spinning process and nonwoven. Improved overall processability	Melt flow modification for PP. Compliance: RoHS, EU NO. 10/2011, US FDA, PFAS Free	PP- Spun bond nonwovens, Melt-blown nonwovens, Injection moulding, Extrusion blow Moulding, Recycling
Impact Modifier Masterbatches						
1	ADV/02/11900	IMPACT MODIFIER 11900	50%	Improves the ability of polypropylene to absorb energy during rapid impact, without breakage. Enhances toughness and impact resistance of polypropylene without significantly compromising other important mechanical properties.	Enhances Impact Strength, Improves Toughness, Maintains Structural Integrity	PE/PP - Injection moulding, blow moulding, Pipes, Sheet, Recycled PP
Strength Enhancer Masterbatches						
1	ADV/02/11842	PP STIFFNESS MB 11842	70%	PP based specialty masterbatch for improving stiffness. The stiffness can be even improved in thin applications like multifilament yarn and Non-woven applications.	Improves stiffness and dimensional stability, Good filterability, Suitable for food contact application	PP - Non-Woven Fabric, Multifilament Yarn, Films, Sheet, Raffia

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