FilKan FILLER MASTERBATCHES

KANDUI

Highly loaded filler masterbatches for Raffia, Non-Woven, Blown Film, Moulding, Extrusion Coating and Thermoforming.
The use of *FilKan* masterbatches has a wide range of advantages as follows:

- The grade of mineral that gives the most cost-effective performance is selected and blended with speciality additives to give optimum performance
- Filter pressure value of every batch is checked
- The product quality is continuously monitored by running on actual commercial scale plants
- Optimum loading levels maintaining strength and elongation in the final product are determined during actual trials
- Continuous R&D in our own tape plants (Lorex 2000 running at minimum 400 mtr/min)/Pilot Blown Film plant/Pilot scale injection moulding machine to ensure that we provide our customers with the latest products and race ahead of the competition

SR. NO.	PRODUCT CODE	PRODUCT NAME	APPLICATION	RECOMMENDED LOADING
OPAQUE FILLERS : CaCO3 Filler Masterbatches for Raffia (Woven Sack), Non-Woven, Thermoforming, Extrusion Coating & Moulding				
1	CAL/01/00028	TECHNO BLUE	HDPE & PP Raffia	1-5% for > 700 denier (Blue tone filler)
2	CAL/01/00029	TECHNO BLUE SUPER		1-5% for > 600 denier (Blue tone filler)
3	CAL/01/00031	TECHNO ECO PVN GP		10-40% for > 500 denier at high line speeds
4	CAL/01/00245	TECHNO FILL A-2 LAM		10-45% for > 500 denier gives better elongation properties, Lamination
5	CAL/01/00032	TECHNO FILL A-2		10-45% for > 500 denier at high line speeds
6	CAL/01/00179	TECHNO FILL A-3		10-50% for > 500 denier at high line speeds
7	CAL/05/00033	TECHNO FILL HD-1	HDPE Raffia	10-40% for > 600 denier at high line speeds
8	CAL/02/00173	TECHNO FILL PP ECO JUMBO	PP Raffia	5-20% addition in > 800 denier
9	CAL/02/00163	TECHNO FILL PP ECO ZZZ HL		10-25% for > 500 denier at high line speeds
10	CAL/02/00162	TECHNO FILL PP-M ZZZ HL	PP Raffia , PP Non-Woven & PP Extrusion Lamination	10-40% in Raffia for > 500 denier at high line speeds 10-25% in Non-Woven of > 50 GSM 5-20% in Extrusion Lamination > 15 micron thickness
11	CAL/02/00154	TECHNO FILL PP-1 ZZZ HL		10-50% in Raffia for > 400 denier at high line speeds 10-30% in Non-Woven of > 50 GSM 10-30% in Extrusion Lamination > 15 micron thickness
12	CAL/02/00115	TECHNO FILL PP KH-1		Designed for processing at higher stretch ratios and gives higher GPD 20-45% in Raffia for > 500 denier at high line speeds 10-30% in Non-Woven of > 50 GSM 10-30% in Extrusion Lamination > 15 micron thickness
13	CAL/02/00292	TECHNO FILL PP-1 ZZZ BRIGHT		10-40% for Extra brightness in PP Raffia 10-60% in PP Lamination
14	CAL/02/00157	TECHNO FILL PP-1 HL		10-55% in Raffia for > 400 denier at high line speeds 10-40% in Non-Woven of > 50 GSM 10-40% in Extrusion Lamination > 15 micron thickness
15	CAL/02/00219	TECHNO FILL PP KAN 005		15-30% in Raffia for > 500 denier at moderate line speeds 10-20% in Non-Woven of > 50 GSM
16	CAL/02/00037	TECHNO FILL PP-1		Designed for processing at higher stretch ratios and gives higher GPD 20-60% in Raffia for > 500 denier at moderate line speeds 10-30% in Non-Woven of > 50 GSM
17	CAL/02/00287	TECHNO FILL PP SUPER 02		10-80% in PP Lamination
18	CAL/02/00130	TECHNO FILL PP A ONE	PP Non-Woven & PP Extrusion Lamination	10-40% in Non-Woven & Extrusion Lamination
19	CAL/02/00035	TECHNO FILL PP NW		
20	CAL/02/00252	TECHNO FILL PP NWGK		
OPAQUE FILLERS : CaCO3 Filler Masterbatches for Blown Film				
1	CAL/01/00101	TECHNO ECO HM SPL	PE Blown Film & PE Injection Moulding	10-35% for HM-HDPE / HDPE > 20 micron thickness
2	CAL/05/00108	TECHNO BLUE HD		10-40% for HM-HDPE / HDPE > 20 micron thickness with Blue tone
3	CAL/01/00216	TECHNO FILL LL-03		10-40% for LDPE-HDPE & HM-HDPE films > 20 micron thickness
4	CAL/01/00184	TECHNO FILL LL-02		10-40% for HM-HDPE / HDPE > 20 micron thickness
5	CAL/01/00122	TECHNO HM BRIGHT		10-40% for HM-HDPE / HDPE > 20 micron thickness with bright effect
6	CAL/05/00102	TECHNO YELLOW HD-1		10-40% for HM-HDPE / HDPE > 20 micron thickness with Yellow tone
7	CAL/01/00048	TECHNO HM WHITE		10-40% for HM-HDPE / HDPE > 20 micron thickness with better whiteness
8	CAL/01/00004	BLOWN FILL ECO		10-50% for HM-HDPE / HDPE / LLDPE/ LDPE > 15 micron thickness with superior strength & elongation
9	CAL/05/00007	BLOWN FILL HD-1 ECO		10-50% for HM-HDPE / HDPE / LLDPE/ LDPE > 15 micron thickness with superior crackling capacity, strength & elongation
10	CAL/01/00011	BLOWN FILL BRIGHT		10-60% for HM-HDPE / HDPE / LLDPE/ LDPE > 10 micron thickness with medium crackling sound, superior strength & elongation
11	CAL/01/00104	BLOWN FILL HL		
12	CAL/01/00001	BLOWN FILL		10-60% for HM-HDPE / HDPE / LLDPE/ LDPE > 10 micron thickness with superior strength & elongation
13	CAL/05/00006	BLOWN FILL HD-1		10-60% for HM-HDPE / HDPE > 10 micron thickness with superior crackling sound, strength & elongation
14	CAL/01/00010	BLOWN FILL WHITE		10-60% for Opaque HM-HDPE / HDPE / LLDPE/ LDPE > 10 micron thickness with superior whiteness, strength & elongation
15	CAL/01/00082	BLOWN FILL SUPER		Can be used directly in middle layer of A-B-A machine and up to 90% in Monolayer HDPE Film
16	CAL/06/00199	BLOWN FILL EVA		5-20% Opaque Filler for EVA Films
17	CAL/01/00112	BLOWN FILL WHITE-12		10-60% for HM-HDPE / HDPE / LLDPE/ LDPE > 10 micron thickness with excellent whiteness, strength & elongation. Can avoid use of White Masterbatches

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TALC BASED FILLERS : Highly loaded Talc Filler Masterbatches for Raffia, Non-Woven, Blown Film, Thermoforming & Moulding				
1	TAL/01/00014	TRANS TP HM	PE Blown Film & Injection Moulding	10-40% for HM-HDPE / HDPE > 20 micron thickness
2	TAL/01/00015	TRANS TP LD		10-40% for HM-HDPE / LLDPE/ HDPE > 15 micron thickness
3	TAL/01/00136	TRANS ECO	PE & PP Extrusion Lamination, PE Blown Film, HDPE & PP Raffia, Tarpaulin & FIBC It can be used in HDPE & PP Raffia along with Colour Masterbatches as a Filler OR with Technofill grades for improved stiffness	5-10% in Raffia for > 500 denier 5-20% for Extrusion Lamination / Blown Film in > 20 micron thickness
4	TAL/01/00017	TRANS TP K		5-25% in Raffia for > 500 denier 5-35% for Extrusion Lamination / Blown Film in > 20 micron thickness
5	TAL/01/00146	TRANS BRIGHT M		5-25% in Raffia for > 500 denier 5-35% for Extrusion Lamination / Blown Film in > 20 micron thickness Talc based Filler with medium brightness
6	TAL/01/00003	TRANS		5-30% in Raffia for > 500 denier 5-30% for Extrusion Lamination / Blown Film in > 20 micron thickness Talc based Filler with good transparency
7	TAL/01/00005	TRANS BRIGHT		5-30% in Raffia for > 500 denier 5-30% for Extrusion Lamination / Blown Film in > 20 micron thickness Talc based Filler with superior brightness
8	TAL/01/00006	TRANS P		5-30% in Raffia for > 500 denier 5-35% for Extrusion Lamination / Blown Film in > 20 micron thickness
9	TAL/01/00013	TRANS P BRIGHT		5-30% in Raffia for > 500 denier 5-35% for Extrusion Lamination / Blown Film in > 20 micron thickness Talc based Filler with superior brightness
10	TAL/01/00160	TRANS RD SPL		5-30% in Raffia for > 400 denier 5-35% for Extrusion Lamination / Blown Film in > 15 micron thickness Excellent screen pack life
11	OTH/01/00002	TRANS TECH	PE Blown Film	Gives higher transparency, equivalent to virgin polymer on addition of 5-10% in LDPE /LLDPE Film. This grade is not suggested for higher loading application
12	OTH/01/00172	TRANS TECH 02		Gives higher transparency, equivalent to virgin polymer on addition of 5-10% in LDPE /LLDPE Film. This grade is suggested for higher loading application
13	TAL/06/00213	TRANS EVA 01	EVA films	Transluscent Filler for EVA Films, Can be used as an Antiblock
14	TAL/03/00002	TECHNO FORM PST	PS & HIPS Thermoforming	5-10%. Improves stiffness & gloss
SPECIALITY MODIFIERS : Performance Enhancing Masterbatches based on proprietary mix of carrier resins for improved mechanical properties				
1	CAL/01/00187	TECHNO TUFF-03	Blown Film: Improves mechanical properties, tear resistance in film and film smoothness Raffia: Reduces tape breakage & improves loom production in Raffia	1-5%
2	CAL/02/00050	TECHNO TUFF-02		1-3%
3	CAL/01/00086	TECHNO TUFF-04		2-5%
4	CAL/01/00204	TECHNO TUFF-06		2-5%
5	CAL/02/00049	TECHNO TUFF SPL		2-5%
6	CAL/01/00165	TECHNO TUFF-05		2-5%
SPECIALITY COMPOUNDS : Compounds which fully or partially replace polymers for speciality applications				
1	CAL/01/00137	TECHNO COAT® 01	PE Co-Extrusion Lamination	10-40% for better bonding with PET/BOPP/Aluminum/ PE Substrate
2	CAL/01/00186	TECH BLOW 2	HDPE Blow Moulding	5-20% for open top drums
3	CAL/01/00027	TECH BLOW		5-15% even for closed top drums with excellent drop test results
4	CAL/01/00178	BREATHEEZE® 06	Cast Film	Used directly for high WVTR breathable cast film
5	CAL/01/00124	BREATHEEZE® 02		Used directly for low WVTR breathable cast film

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