



# KoloKan BLACK MASTERBATCHES

Best in class extruders and novel manufacturing techniques ensure highest dispersion of carbon black in KoloKan Black masterbatches. For specific applications filter pressure is also measured. Masterbatches with high UV stability, food contact approval and other customized requirements can be offered.

Based upon customer needs and application, Black masterbatches are manufactured keeping the best balance of:

- Excellent Dispersion
- Tinting Strength/Opacity
- High Jetness
- Surface Smoothness
- UV Stability and Weatherability
- Undertone (Blue or Red tone, if required)
- Mechanical properties (if required)

Masterbatches have been designed to meet the requirements of a diverse range of application such as:

- PP & HDPE Tape/Raffia/Mono-Filament
- HDPE Pipe
- Injection and Blow Moulding
- Multilayer and Monolayer PE Film
- Cast Film
- Extrusion Coating
- PP Fiber, Multifilament and Non-Woven
- Polyester, Nylon and PP Partially Oriented Yarn (POY)
- Polyester, Nylon and PP Fully Drawn Yarn (FDY)
- Polyester Staple Fiber (PSF)
- Thermoforming

| SR. NO.                                                      | PRODUCT CODE | PRODUCT NAME        | CARBON % | BLOWN FILM | RAFFIA | LAMINATION | MOULDING | PIPES | COMPOUNDING | MULTILAYER | FILAMENTS | NON-WOVEN | RECOMMENDED APPLICATION                                                         |
|--------------------------------------------------------------|--------------|---------------------|----------|------------|--------|------------|----------|-------|-------------|------------|-----------|-----------|---------------------------------------------------------------------------------|
| POLYETHYLENE BLACK MASTERBATCH                               |              |                     |          |            |        |            |          |       |             |            |           |           |                                                                                 |
| GENERAL PURPOSE GRADES                                       |              |                     |          |            |        |            |          |       |             |            |           |           |                                                                                 |
| 1                                                            | BLK/01/00050 | ECO MOULD BLACK     | 15-25    | NO         | NO     | NO         | YES      | NO    | NO          | NO         | NO        | NO        | General purpose Moulding                                                        |
| 2                                                            | BLK/01/00195 | ECO SL BLACK 06     | 17       | YES        | NO     | NO         | YES      | NO    | YES         | NO         | NO        | NO        | Garbage Bag, Moulding                                                           |
| 3                                                            | BLK/01/00144 | KP ECO SL BLACK 03  | 19       | YES        | NO     | NO         | YES      | NO    | YES         | NO         | NO        | NO        | Monolayer Film, Raffia, Moulding                                                |
| 4                                                            | BLK/01/00085 | WARI SL BLACK 01    | 24       | YES        | YES    | NO         | YES      | YES   | YES         | NO         | NO        | NO        | Monolayer Film, Raffia, Moulding                                                |
| 5                                                            | BLK/01/00032 | KIPL SL BLACK 04    | 34       | YES        | YES    | YES        | YES      | YES   | YES         | NO         | NO        | NO        | Monolayer Film, Raffia, Moulding                                                |
| 6                                                            | BLK/01/00208 | GIT SL BLACK        | 39       | YES        | NO     | NO         | YES      | YES   | YES         | NO         | NO        | NO        | Monolayer Film, Moulding                                                        |
| 7                                                            | BLK/01/00087 | REG SL BLACK        | 40       | YES        | YES    | NO         | YES      | YES   | YES         | NO         | NO        | NO        | Monolayer Film, Raffia, Moulding                                                |
| 8                                                            | BLK/01/00196 | PREMIUM SL BLACK 02 | 40       | YES        | YES    | YES        | YES      | YES   | YES         | YES        | NO        | YES       | Monolayer Film, Raffia, Moulding                                                |
| 9                                                            | BLK/01/00186 | PF SL BLACK 05      | 40       | YES        | YES    | YES        | YES      | YES   | YES         | NO         | NO        | NO        | Monolayer Film, Raffia, Moulding                                                |
| 10                                                           | BLK/01/00235 | BIC SL BLACK        | 40       | YES        | YES    | YES        | YES      | YES   | YES         | YES        | YES       | YES       | Monolayer Film, Moulding                                                        |
| 11                                                           | BLK/01/00028 | PF SL BLACK 02      | 40       | YES        | YES    | YES        | YES      | YES   | YES         | YES        | YES       | YES       | Monolayer Film, Multilayer Film > 30 mic, Raffia, Moulding                      |
| 12                                                           | BLK/01/00129 | SPG SL BLACK        | 40       | YES        | YES    | YES        | YES      | YES   | YES         | YES        | YES       | YES       | Monolayer Film, Multilayer Film > 30 mic, Raffia, Moulding, Drip Laterals       |
| 13                                                           | BLK/01/00234 | UNOMAX MOLD BLACK   | 41       | YES        | NO     | NO         | YES      | YES   | YES         | NO         | NO        | NO        | Monolayer Film, Moulding                                                        |
| 14                                                           | BLK/01/00205 | NEW STAR SL BLACK   | 42       | YES        | NO     | NO         | YES      | YES   | YES         | NO         | NO        | NO        | Monolayer Film, Moulding                                                        |
| 15                                                           | BLK/01/00192 | VKY SL BLACK 26     | 44       | YES        | YES    | NO         | YES      | YES   | YES         | NO         | NO        | NO        | Monolayer Film, Raffia, Moulding                                                |
| 16                                                           | BLK/01/00236 | QUALITY SL BLACK    | 44       | YES        | NO     | NO         | YES      | YES   | YES         | NO         | NO        | NO        | Monolayer Film, Moulding                                                        |
| 17                                                           | BLK/01/00012 | DD SL BLACK         | 45       | YES        | YES    | YES        | YES      | YES   | YES         | YES        | NO        | YES       | Monolayer Film, Raffia, Moulding                                                |
| 18                                                           | BLK/01/00187 | DD SL BLACK 03      | 45       | YES        | YES    | YES        | YES      | YES   | YES         | NO         | NO        | NO        | Monolayer Film, Raffia, Moulding                                                |
| HIGH CARBON CONTENT GRADES FOR PIPES, MOULDING & COMPOUNDING |              |                     |          |            |        |            |          |       |             |            |           |           |                                                                                 |
| 1                                                            | BLK/01/00091 | SPL PIPE BLACK      | 50       | YES        | NO     | NO         | YES      | YES   | YES         | NO         | NO        | NO        | Filler free Masterbatch for HDPE Pipe                                           |
| 2                                                            | BLK/01/00170 | SPL PIPE BLACK 02   | 50       | YES        | NO     | NO         | YES      | YES   | YES         | NO         | NO        | NO        | Filler free Masterbatch for HDPE Pipe                                           |
| 3                                                            | BLK/01/00115 | SK ML BLACK         | 52       | NO         | NO     | NO         | YES      | NO    | YES         | NO         | NO        | NO        | Compounding and Moulding                                                        |
| 4                                                            | BLK/01/00210 | PIPE BLACK 55       | 55       | YES        | NO     | NO         | YES      | YES   | YES         | NO         | NO        | NO        | Filler free Masterbatch for HDPE Pipe, Compounding, Moulding                    |
| MULTILAYER & FILAMENT GRADES                                 |              |                     |          |            |        |            |          |       |             |            |           |           |                                                                                 |
| 1                                                            | BLK/01/00149 | DMT MF BLACK        | 32       | YES        | YES    | YES        | YES      | YES   | YES         | YES        | YES       | YES       | Multifilament, Monolayer Film, Multilayer Film, Raffia, Moulding, Drip Laterals |
| 2                                                            | BLK/01/00145 | MEGHA ML BLACK      | 38       | YES        | YES    | YES        | YES      | YES   | YES         | YES        | YES       | YES       | Monolayer Film, Multilayer Film, Raffia, Moulding                               |
| 3                                                            | BLK/01/00168 | RY ML BLACK197      | 40       | YES        | YES    | YES        | YES      | YES   | YES         | YES        | YES       | YES       | Monolayer Film, Multilayer Film, Raffia, Moulding                               |
| 4                                                            | BLK/01/00178 | RY ML BLACK         | 40       | YES        | YES    | YES        | YES      | YES   | YES         | YES        | YES       | YES       | Monolayer Film, Multilayer Film, Raffia, Moulding, Drip Laterals                |
| 5                                                            | BLK/01/00246 | FINE JET ML BLACK   | 40       | YES        | YES    | YES        | YES      | YES   | YES         | YES        | YES       | YES       | Monolayer Film, Multilayer Film, Raffia, Moulding, Drip Laterals                |
| 6                                                            | BLK/01/00268 | FILM BLACK LD       | 42       | YES        | YES    | YES        | YES      | YES   | YES         | YES        | NO        | NO        | Mono & Multilayer Film, Raffia, Lamintion, Moulding                             |
| 7                                                            | BLK/01/00194 | SL SHINING BLACK    | 42       | YES        | YES    | YES        | YES      | YES   | YES         | YES        | YES       | YES       | Multilayer Film, Raffia, Moulding                                               |

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|---------------------------------|--------------|------------------------|----------|------------|--------|------------|----------|-------|-------------|------------|-----------|-----------|----------------------------------------------------------------------------------------------------------------|
| POLYETHYLENE BLACK MASTERBATCH  |              |                        |          |            |        |            |          |       |             |            |           |           |                                                                                                                |
| CONDUCTIVE COMPOUND GRADES      |              |                        |          |            |        |            |          |       |             |            |           |           |                                                                                                                |
| 1                               | BLK/01/00211 | KONDUCT BLACK 01       | 25       | YES        | NO     | NO         | YES      | NO    | NO          | YES        | NO        | NO        | Conductive Compound for Multilayer Film                                                                        |
| SPECIALITY GRADES               |              |                        |          |            |        |            |          |       |             |            |           |           |                                                                                                                |
| 1                               | BLK/01/00172 | SPL UV BLACK           | 40       | NO         | NO     | NO         | YES      | YES   | YES         | NO         | NO        | NO        | Special grade having high UV protection. Suitable for Cable, Moulding, Compounding                             |
| 2                               | BLK/01/00179 | NG SLIP SL BLACK       | 40       | NO         | NO     | NO         | YES      | NO    | NO          | NO         | NO        | NO        | Moulding. It is having slip additive which gives excellent slipping property                                   |
| POLYPROPYLENE BLACK MASTERBATCH |              |                        |          |            |        |            |          |       |             |            |           |           |                                                                                                                |
| 1                               | BLK/02/00042 | PP MOLD BLACK          | 30       | NO         | NO     | NO         | YES      | YES   | YES         | NO         | NO        | NO        | PPR Pipe and General Moulding                                                                                  |
| 2                               | BLK/02/00072 | PP FIBRE BLACK 01      | 30       | NO         | YES    | NO         | YES      | YES   | YES         | NO         | YES       | YES       | PP Non-Woven                                                                                                   |
| 3                               | BLK/02/00224 | MB MF BLACK 07         | 38       | NO         | YES    | NO         | YES      | YES   | YES         | NO         | YES       | YES       | PP Non-Woven, PP Fiber                                                                                         |
| 4                               | BLK/02/00214 | PP MONO BLACK 14       | 38       | NO         | YES    | NO         | YES      | YES   | YES         | NO         | YES       | YES       | PP Non-Woven, PP Fiber                                                                                         |
| POLYSTYRENE BLACK MASTERBATCH   |              |                        |          |            |        |            |          |       |             |            |           |           |                                                                                                                |
| 1                               | BLK/03/00166 | MNK PS BLACK           | 5        | NO         | NO     | NO         | YES      | NO    | NO          | NO         | NO        | NO        | Moulding                                                                                                       |
| 2                               | BLK/03/00160 | RY PS BLACK 77         | 40       | NO         | NO     | NO         | YES      | NO    | NO          | NO         | NO        | NO        | Moulding                                                                                                       |
| POLYCARBONATE BLACK MASTERBATCH |              |                        |          |            |        |            |          |       |             |            |           |           |                                                                                                                |
| 1                               | BLK/04/00001 | PC BLACK               | 10       | NO         | NO     | NO         | YES      | NO    | YES         | NO         | NO        | NO        | Injection Moulding                                                                                             |
| 2                               | BLK/04/00276 | KANDUI MD BLACK 276    | 20       | NO         | NO     | NO         | YES      | NO    | YES         | NO         | NO        | NO        | Injection Moulding, Compounding                                                                                |
| 3                               | BLK/04/00185 | RVG PC BLACK 4549      | 24       | NO         | NO     | NO         | YES      | NO    | YES         | NO         | NO        | NO        | Injection Moulding, Compounding                                                                                |
| UNIVERSAL BLACK MASTERBATCH     |              |                        |          |            |        |            |          |       |             |            |           |           |                                                                                                                |
| 1                               | BLK/06/00162 | RTM UNI BLACK 01       | 38       | NO         | NO     | NO         | YES      | NO    | YES         | NO         | NO        | NO        | Universal Black MB for Moulding & Compounding. It can also be used for Nylon, EVA, HIPS, SAN & all Polyolefins |
| 2                               | BLK/06/00220 | NEXT BLACK UNI 252     | 40       | NO         | NO     | NO         | YES      | NO    | YES         | NO         | NO        | NO        | Universal Black MB for Moulding & Compounding                                                                  |
| 3                               | BLK/06/00163 | FANCY BLACK 87         | 45       | NO         | NO     | NO         | YES      | NO    | YES         | NO         | NO        | NO        | Having High Jetness. Suitable for Moulding and Compounding                                                     |
| 4                               | BLK/06/00120 | RTM UNI BLACK 02       | 50       | YES        | NO     | NO         | YES      | YES   | YES         | NO         | NO        | NO        | Universal Black MB for Moulding & Compounding. It can also be used for Nylon, EVA, HIPS, SAN & all Polyolefins |
| 5                               | BLK/06/00199 | RVG UNI BLACK 2014     | 52       | NO         | NO     | NO         | YES      | NO    | YES         | NO         | NO        | NO        | Universal Black MB for Moulding & Compounding. It can also be used for Nylon, EVA, HIPS, SAN & all Polyolefins |
| POLYESTER BLACK MASTERBATCH     |              |                        |          |            |        |            |          |       |             |            |           |           |                                                                                                                |
| 1                               | BLK/07/00061 | POLYESTER BLACK 061    | 20-25    | NO         | NO     | NO         | YES      | NO    | YES         | NO         | YES       | YES       | Recycled Staple Fiber with more than 6 dpf                                                                     |
| 2                               | BLK/07/00023 | POLYESTER BLACK BD 023 | 23       | NO         | NO     | NO         | YES      | NO    | YES         | NO         | YES       | YES       | Polyester Fiber lines where Black Masterbatch is directly injected into the Polymer line                       |
| 3                               | BLK/07/00209 | POLYESTER BLACK 209    | 24       | NO         | NO     | NO         | YES      | NO    | YES         | NO         | YES       | YES       | Polyester POY/PSF/FDY                                                                                          |
| 4                               | BLK/07/00174 | POLYESTER BLACK-0174   | 25       | NO         | NO     | NO         | YES      | NO    | YES         | NO         | YES       | YES       | Polyester POY/PSF/FDY                                                                                          |
| 5                               | BLK/07/00103 | POLYESTER BLACK 103    | 28       | NO         | NO     | NO         | YES      | NO    | YES         | NO         | YES       | YES       | Polyester POY/PSF/FDY                                                                                          |
| 6                               | BLK/07/00024 | POLYESTER BLACK 024    | 28       | NO         | NO     | NO         | YES      | NO    | YES         | NO         | YES       | YES       | Polyester POY/PSF/FDY                                                                                          |
| 7                               | BLK/07/00275 | POLYESTER BLACK-0275   | 28       | NO         | NO     | NO         | YES      | NO    | YES         | NO         | YES       | YES       | Polyester POY/PSF/FDY                                                                                          |
| 8                               | BLK/07/00223 | NEXT BLACK 233         | 28       | NO         | NO     | NO         | YES      | NO    | YES         | NO         | NO        | NO        | Polyester Compounding                                                                                          |
| 9                               | BLK/07/00071 | POLYESTER BLACK 071    | 30       | NO         | NO     | NO         | YES      | NO    | YES         | NO         | YES       | YES       | Medium throughput Polyester POY/PSF/FDY spinning lines                                                         |
| 10                              | BLK/07/00074 | POLYESTER BLACK 074    | 30       | NO         | NO     | NO         | YES      | NO    | YES         | NO         | YES       | YES       | Polyester POY/PSF/FDY high throughput spinning lines                                                           |
| 11                              | BLK/07/00118 | POLYESTER BLACK 118    | 30       | NO         | NO     | NO         | YES      | NO    | YES         | NO         | YES       | NO        | Polyester Staple Fiber                                                                                         |
| SAN/ABS BLACK MASTERBATCH       |              |                        |          |            |        |            |          |       |             |            |           |           |                                                                                                                |
| 1                               | BLK/08/00107 | HML ABS BLACK          | 15       | NO         | NO     | NO         | YES      | NO    | YES         | NO         | NO        | NO        | SAN/ABS Moulding                                                                                               |
| 2                               | BLK/08/00138 | NP ABS BLACK SPL       | 40       | NO         | NO     | NO         | YES      | NO    | YES         | NO         | NO        | NO        | SAN/ABS Compounding & Moulding                                                                                 |
| NYLON BLACK MASTERBATCH         |              |                        |          |            |        |            |          |       |             |            |           |           |                                                                                                                |
| 1                               | BLK/09/00238 | SARLA NYLON BLACK      | 27       | NO         | NO     | NO         | YES      | NO    | YES         | NO         | YES       | NO        | Nylon Fibre (POY/FDY) with excellent Bluish tone & Jetness                                                     |

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