



Peyvand Polymer
color & additive masterbatch

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Technical datasheet

Black Masterbatch

Peyvand BK2603

BK2603 is a specially formulated polyethylene masterbatch suitable for the production of pipes that is made from a finely dispersed carbon black grade combined with a highly effective thermal and light stabilization package and meets the Oxidative Induction Time (OIT).

Method of Usage:

BK2603 is designed for ease of dispersion and is therefore suitable for direct addition and mixing with plastic resins in mixer.

Addition Rate

The amount of masterbatch added depends on the performance requirements of the final application. Also typical addition rate is 6 % in the irrigating pipes.

Physical Properties of BK2603

Physical Properties	Value	Test Method
Carrier Resin	HDPE	–
Pigment Content	40 %	–
Density	1 ±0.02 g/cm ³	ASTM D 570
Moisture Content	<0.2 %	Iso 1183
Melt flow index @190°C /2.16kg	< 0.5 g/10min	Iso 1133
Thermal Degradation	>25 min	ASTM D3895
Pigment Disperse	3	Iso 18553

BK2603 is packed in 25 kg bags.