



Peyvand Polymer
color & additive masterbatch
پیوندپلیمر

Technical datasheet

Black Masterbatch

Peyvand BK2504

BK2504 is a specially formulated polyethylene masterbatch suitable for the production of geomembranes, labyrinth flat tape pipes that is made from a finely dispersed carbon black grades combined with a highly effective thermal and meets the Oxidative Induction Time (OIT).

Method of Usage:

BK2504 is designed for ease of dispersion and is therefore suitable for direct addition and mixing with plastic resins in mixer.

Addition Rate

Also recommended dosage is 6 % depending on final application.

Physical Properties of BK2504

Physical Properties	Value	Test Method
Carrier Resin	HDPE	–
Pigment Content	40 %	–
Density	0.97±0.02 g/cm ³	ASTM D 570
Moisture Content	<0.1 %	Iso 1183
Melt flow index @190°C /2.16kg	0.7±0.2 g/10min	Iso 1133
OIT (200 °C)	25	ASTM D3895
Pigment Dispersion	OK	Iso 18553

BK2504 is packed in 25 kg bags.