



Kimcol 5851

Black Masterbatch

Product Description

Kimcol 5851 is designed for general purpose of high density polyethylene pipe and food contact application. Kimcol 5851 contains small particle size and food grade of carbon blacks that are easily incorporated into compounds, which bring an excellent dispersion and jetness properties with perfect Ultra Violet (UV) and weatherability characteristics for high density polyethylene pipes. The amount of masterbatch added depends on the performance requirements of the end usage application and the carbon black contents specified in the finished product.

Typical addition rates vary from 2% to 6% masterbatch.

General

Carrier	• PE
Pigment	• CB
Compatibility	• HDPE
Forms	• Pellets
Packaging	• 25 Kg PE Bag

Physical	Nominal Value Unit	Test method
MFR(190°C – 21.6Kg)	14±4 g/10min	ASTM D 1238
Ash Content (600°C)	<0.5	ASTM D 5630
Carbon black content	40±1	ASTM D 1603
degree of carbon black dispersion	<3	ISO 18553
Oxidation of induction time (OIT)	>60	ASTM D 3895
density	1.2±0.03	ASTM D 1505
Moisture Content	<1500 ppm	ASTM D 6980

Storage

Kimcol 5851 is supplied in pellet form packed in 25 kg composite bags. Kimcol 5851 should be stored in a dry place. Under these conditions the product can be hold at least 24 months.

Note

- Test results have been achieved in lab condition. Miss handling may give different result and sometimes outside of the standard
- The specifications given are the guidelines only.
- Above compound is suitable to run on different machines; however some adjustments may be required on individual machine.
- The customers are advised to check the quality, prior to commercial use. There is no guarantee and/or warrantee what so ever, after processing