



TECHNICAL DATA SHEET

Product Description

BLACK 50/10 SRF is a Polyethylene (PE) based Black masterbatch. It is specially designed for LDPE, LLDPE, HDPE and PP in Injection molding, Extrusion and Blow molding application, requiring excellent dispersion.

Addition Level

The addition level of masterbatch added depends on the performance requirements of the final application. Typically addition rates vary from 2% to 8% masterbatch.

Masterbatch Information

1. Product Code BLACK 50/10 SRF
2. Colour BLACK
3. Carrier Polymer PE
4. Appearance Cylindrical Black Granules

Physical Properties:

Properties	Unit	Test Method	Specification
1. Light Fastness	--	--	7 - 8
2. Heat Stability	°C	--	280°C
3. Migration	--	--	4 - 5
4. Moisture Content (Temp120°C, 10Min.)	%	ASTM D6980	< 0.20
5. Bulk Density	Gm/cc	ASTM D1895	0.85 ± 0.1
6. Melt flow Index (At 190°C/10 kg)	Gm/ 10Min.	ASTM D1238	5 TO 12
7. Toxicity	--	--	NON-TOXIC
8. Dispersion	--	--	EXCELLENT
9. Carbon Content	%	ASTM D1603	50 ± 1
10. Filler Content	%	ASTM D5630	10 ± 2

Regulatory

The product is not food compliant. The product passes heavy metal limits and hence complies with RoHS directive 2002/95/EC.

Packaging & Storage

Black Masterbatch BLACK 50/10 SRF is supplied in regular pellet form packed in 25 kg bags. It should be stored in dry place.

Recommended storage life is 3 years provided it is stored as directed.

Note: Above Report is made in identical condition, Values may be different when process on different machines and/or different processing condition, hence cannot be compare with any other same colour or product.

TECHNICAL SERVICES