



## TECHNICAL DATA SHEET

### Product Description

BLACK 50 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 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	0.70 ± 0.1
6. Melt flow Index (At 190°C/10 kg)	Gm/ 10Min.	ASTM D1238	13 TO 22
7. Toxicity	--	--	NON-TOXIC
8. Dispersion	--	--	EXCELLENT
9. Carbon Content    SRF	%	ASTM D1603	50 ± 1

### 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 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**

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