



TECHNICAL DATA SHEET

Product Description

BLACK 40 P 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 40 P
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	15 TO 30
7. Toxicity	--	--	NON-TOXIC
8. Dispersion	--	--	EXCELLENT
9. Carbon Content	%	ASTM D1603	40 ± 1

Regulatory

The product is food compliance as per EU AP 89(1) and EU 10/2011.

Packaging & Storage

Black Masterbatch BLACK 40 P 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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