

MICROTEC SRL

Plastics Machinery Masterbatch Compound

MICROTEC srl
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Micromaster[®]
Masterbatches

PRODUCT NAME : MICROMASTER[®] black 9010/C

General Description

BLACK 9010/C is an economy black LDPE based masterbatch containing high opacity carbon black. This product is designed for Injection moulding items, extruded tubings and sheets for general purpose. It is suitable for use in films with low performance requirements and the typical end product is trash bags. But it is not recommended for ultra-films or other film products with high performance requirements.

Properties

Name	: MICROMASTER [®] black 9010/C
Product Type	: Black Masterbatch
Appearance	: Granule
Pellet Size	: 3x3 (±0.3) mm
Pigment Content	: Carbon Black 25%±3%
Carrier Resin	: LDPE
Application	: Film blowing, blow moulding, injection moulding
Compatibility	: LDPE, HDPE, LLDPE, PP
Packaging	: 25 kgs/bag
Storage	: Keep at dry condition

The information contained in this Product Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. The information provided herein is based on technical data that Microtec believes to be reliable, however Microtec makes no representation or warranty as to the completeness or accuracy therefore and Microtec assumes no liability resulting from its use or for any claims, losses, or damages of any third party. Recipients receiving this information must exercise their own judgement as to the appropriateness of its use, and it is the user's responsibility to assess the material's suitability (including safety) for a particular purpose prior to such use.



Technical Information

Classification Test Items	Test Method	Unit	Results
Melt Index (190°C/2160g)	ASTM D 1238	g/10 mins	10
Moisture Content	ASTM D 570	wt%	<0.40
Bulk Density		g/cm ³	0.78
Melting Point		°C	125
Heat Stability		°C	300
Heat Resistance		level	5
Let Down		%	2-5
Light Fastness		level	8

HEALTH AND SAFETY

Confirm with the European Resolution AP 89 (1) heavy metal content.

FOOD APPROVAL

MICROMASTER® black 9010/C **CAN NOT BE USED** in food packaging.

REMARKS

PE – PP, for film colouring, bottles, drums, sheets, pipes, large garbage cans, food containers, trash and garbage bags, housewares etc.