

MICROTEC SRL

Plastics Machinery Masterbatch Compound

MICROTEC srl
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Micromaster[®]
Masterbatches

PRODUCT NAME : MICROMASTER[®] black 9010

General Description

BLACK 9010 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
Product Type	: Black Masterbatch
Appearance	: Granule
Pellet Size	: 3x3 (±0.3) mm
Pigment Content	: Carbon Black 30%±3%
Carrier Resin	: Recycled LDPE
Application	: Film blowing, blow moulding, injection moulding
Compatibility	: LDPE, HDPE, LLDPE, PP
Packaging	: 25 kgs/bag
Storage	: Keep at dry condition

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Technical Information

Classification Test Items	Test Method	Unit	Results
Melt Index (190°C/2160g)	ASTM D 1238	g/10 mins	≤15
Moisture Content	ASTM D 570	wt%	<0.15
Specific Gravity	ASTM D 792		1.11
Bulk Density		g/cm ³	0.80
Melting Point		°C	125
Heat Stability		°C	300
Heat Resistance		level	5
Let Down		%	2-5
Movability Resistance		level	5
Light Fastness		level	8

FOOD APPROVAL

MICROMASTER[®] *black 9010* **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.