



Plastics Machinery Masterbatch Compound

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Micromaster[®]
Masterbatches

PRODUCT NAME : MICROMASTER[®] white R7/C

WHITE MASTERBATCH FOR APPLICATION IN INTERMEDIATE-HIGH GRADE FILMS WITH HIGH OPACITY REQUIREMENT.

General Description

MICROMASTER white R7/C is a white LLDPE based masterbatch, containing 70% of premium rutile type titanium dioxide, with ultrahigh opacity. It is universal for film application, mainly used in high-class courier bags, cast film, perforated film.

Method of Usage:

MICROMASTER white R7/C is designed for easy dispersion and is therefore suitable for direct addition and mixing with plastic resins in mixer, free from pollution problem caused by pigment.

Properties

Name	: MICROMASTER [®] white R7/C
Product Type	: White Masterbatch
Pigment	: Rutile Coated
Color	: White
Appearance	: Granule
Pellet Size	: 3x3 (±0.3) mm
Pigment Content	: 70%±3%
Filler	: no
Carrier Resin	: LLDPE
Application	: Film blowing, blow moulding, injection moulding
Compatibility	: LDPE, HDPE, LLDPE, PP, EVA.
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.



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Technical Information

Classification Test Items	Test Method	Unit	Results
Melt Index (190°C/2160g)	ASTM D 1238	g/10 mins	12
Moisture Content	ASTM D 570	wt%	≤0.15
Bulk Density		g/cm ³	1.95
Specific Gravity		g/cm ³	2.20
Melting Point		°C	125
Heat Stability		°C	300

HEALTH AND SAFETY

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

FOOD APPROVAL

MICROMASTER® white R7/C can be used in food packaging according:

- European Union: EU Directive 10/2011 and EU Directive 2002/72/CE and the subsequent amendments; Directive 94/62/CE;
- ITALY: Decreto Ministeriale n. 34 del 21.03.1973 e successivi decreti applicativi;
- GERMANY: BgVO 10.04.1992, Ausgabe April 2003;
- France: J.O. de la Rèp. Francais 13.10.1992 – Brochure nr. 1227; et Arr du 02/01/2003.

REMARKS

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

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