



Physical Properties and General Processing Conditions

PE 3013 BK MB Masterbatch Polyethylene (LLDPE) Black

PE 3013 BK MB is a highly-loaded furnace grade carbon black masterbatch for use in polyolefins.

A high color black masterbatch with excellent UV protection suitable for extrusion, injection molding, and compounding processes. Pre-testing is recommended.

PHYSICAL PROPERTIES & AVERAGE VALUES	ENGLISH	SI METRIC	TEST
Carrier Resin	LLDPE		
Carbon Black Particle Size	13nm		
Pigment Loading	30 %		
Pellet Size	50±10 ppg		
Form Supplied	Pellets		
Packaging	Gaylord, drum, or bag		

PROPERTY NOTES

- Data herein is typical and not to be construed as specifications.

RECOMMENDED USAGE

Typical use levels will range from 2% to 5% by weight.

The optimum additive loading in the final part depends on the specific processing conditions and expected part environment. The processor will need to confirm the optimum loading level for each particular end use application.

GENERAL PROCESSING CONDITIONS	ENGLISH	SI METRIC
• None		

PROCESSING NOTES

- None

5 January 2015

This information is intended to be used only as a guideline for designers and processors of modified thermoplastics for injection molding. Because injection mold design and processing is complex, a set solution will not solve all problems. Observation on a "trial and error" basis may be required to achieve desired results.

Data are obtained from specimens molded under carefully controlled conditions from representative samples of the compound described herein. Properties may be materially affected by molding techniques applied and by the size and shape of the item molded. No assurance can be implied that all molded articles will have the same properties as those listed.

No information supplied by RTP Company constitutes a warranty regarding product performance or use. Any information regarding performance or use is only offered as suggestion for investigation for use, based upon RTP Company or other customer experience. RTP Company makes no warranties, expressed or implied, concerning the suitability or fitness of any of its products for any particular purpose. It is the responsibility of the customer to determine that the product is safe, lawful and technically suitable for the intended use. The disclosure of information herein is not a license to operate under, or a recommendation to infringe any patents.