

ICO Polymers ICOFLO 510-5070 500 Micron LLDPE Powder

Category : Polymer , Thermoplastic , Polyethylene (PE) , LLDPE , Linear Low Density Polyethylene (LLDPE), Compounding Resin

Material Notes:

Description: ICOFLO 510-5070 is a premium polyethylene powder specifically designed to be used in the preparation of masterbatch (concentrate). By utilizing a free flowing powder as a carrier in masterbatch (instead of pellet), superior color development or additive dispersion can be achieved in the final concentrate. Key Characteristics: very high melt flow and a linear low density polyethylene resin. Information provided by ICO Polymers. A Schulman acquired ICO, Inc. in 2010.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ICO-Polymers-ICOFLO-510-5070-500-Micron-LLDPE-Powder.php

Physical Properties	Metric	English	Comments
Density	0.924 g/cc	0.0334 lb/in ³	ASTM D1505
Particle Size	<= 500 Åµm	<= 500 Åµm	sieve < 5%
Melt Index of Compound	20 g/10 min @Load 2.16 kg, Temperature 190 Å°C	20 g/10 min @Load 4.76 lb, Temperature 374 Å°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	41	41	ASTM D2240

Thermal Properties	Metric	English	Comments
Melting Point	124 Å°C	255 Å°F	DSC; ASTM D3418
Vicat Softening Point	92.0 Å°C	198 Å°F	ASTM D1525

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