

ICO Polymers ICOFLO 510-5075 1200 Micron LLDPE Powder

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

Material Notes:

Description: ICOFLO 510-5075 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-510-5075-1200-Micron-LLDPE-Powder.php

Physical Properties	Metric	English	Comments
Density	0.926 g/cc	0.0335 lb/in ³	ASTM D1505
Particle Size	<= 1200 μ m	<= 1200 μ m	sieve < 5%
Melt Index of Compound	50 g/10 min @Load 2.16 kg, Temperature 190 $^{\circ}$ C	50 g/10 min @Load 4.76 lb, Temperature 374 $^{\circ}$ F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	48	48	ASTM D2240

Thermal Properties	Metric	English	Comments
Melting Point	121 $^{\circ}$ C	250 $^{\circ}$ F	DSC; ASTM D3418
Vicat Softening Point	92.0 $^{\circ}$ C	198 $^{\circ}$ F	ASTM D1525

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