

ICO Polymers ICOFLO 510-5004 1000 Micron EVA Powder

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate , Ethylene Vinyl Acetate; Molded/Extruded

Material Notes:

Description: ICOFLO 510-5004 is an EVA 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: good melt flow and flexibility, vinyl acetate content of 28%. 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-510-5004-1000-Micron-EVA-Powder.php

| Physical Properties | Metric | English | Comments |
|------------------------|--|--|------------|
| Density | 0.953 g/cc | 0.0344 lb/in ³ | ASTM D1505 |
| Particle Size | >= 150 Åµm | >= 150 Åµm | pan, 7% |
| | <= 1000 Åµm | <= 1000 Åµm | sieve < 5% |
| Melt Index of Compound | 25 g/10 min @Load 2.16 kg, Temperature 190 Å°C | 25 g/10 min @Load 4.76 lb, Temperature 374 Å°F | ASTM D1238 |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|--------|---------|----------------------|
| Elongation at Break | 800 % | 800 % | 50 mm/min; ASTM D638 |

| Thermal Properties | Metric | English | Comments |
|--------------------|----------|---------|-----------------|
| Melting Point | 71.0 Å°C | 160 Å°F | DSC; ASTM D3418 |

| Descriptive Properties | Value | Comments |
|------------------------|-----------------|----------|
| Max Dry Flow | max 37 sec/100g | ASTM |

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