

ICO Polymers ICOTEX 520-5005 1000 Micron EVA Powder

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

Material Notes:

Description: ICOTEX 520-5005 is an EVA powder that has been developed to meet the special requirements of the textile coating industry.

Key Characteristics: very high melt flow, fast melting, great flexibility and a 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-ICOTEX-520-5005-1000-Micron-EVA-Powder.php

Physical Properties	Metric	English	Comments
Density	0.950 g/cc	0.0343 lb/in ³	ASTM D1505
Particle Size	>= 150 Åµm	>= 150 Åµm	pan, 7%
	<= 1000 Åµm	<= 1000 Åµm	sieve < 5%
Vinyl Acetate Content	28 %	28 %	wt %; Exxon Mobil
Melt Index of Compound	150 g/10 min	150 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 190 Å°C	@Load 4.76 lb, Temperature 374 Å°F	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	3.30 MPa	479 psi	ASTM D638
Elongation at Break	720 %	720 %	50 mm/min; ASTM D638

Thermal Properties	Metric	English	Comments
Melting Point	68.0 Å°C	154 Å°F	DSC; ASTM D3418
	90.0 Å°C	194 Å°F	fusing temperature

Descriptive Properties	Value	Comments
Max Dry Flow	max 33 sec/100g	ASTM

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