

Polimeri Europa Greenflex® ML 21 Ethylene Vinyl Acetate Copolymer - Injection Molding

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

Material Notes:

Greenflex ML 21 is an ethylene vinyl acetate copolymer (EVA) for injection molding, when a good ESCR is required. Greenflex ML 21 contains additive waxes to obtain high production speed. Main Applications: Greenflex ML 21 is suitable for the production of flexible items. Information provided by Polimeri Europa.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polimeri-Europa-Greenflex-ML-21-Ethylene-Vinyl-Acetate-Copolymer-Injection-Molding.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.925 g/cc	0.925 g/cc	ISO 1183
Vinyl Acetate Content	6.0 %	6.0 %	Internal Method
Melt Flow	2.5 g/10 min @Load 2.16 kg, Temperature 190 °C	2.5 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	95	95	ISO 868/A
Hardness, Shore D	43	43	ISO 868/A
Tensile Strength, Yield	8.00 MPa	1160 psi	ISO 527
Flexural Modulus	0.100 GPa	14.5 ksi	ISO 178

Thermal Properties	Metric	English	Comments
Melting Point	101 °C	214 °F	Internal Method
Vicat Softening Point	78.0 °C @Load 1.00 kg	172 °F @Load 2.20 lb	ISO 306/A
Brittleness Temperature	<= -80.0 °C	<= -112 °F	ASTM D746

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