

Polimeri Europa Greenflex® ML 40 Ethylene Vinyl Acetate Copolymer - Injection Molding

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

Material Notes:

Greenflex ML 40 is an ethylene vinyl acetate copolymer (EVA) for injection molding of flexible items. Items produced with Greenflex ML 40 show high elasticity and flexibility. Main Applications: Greenflex ML 40 is recommended 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-40-Ethylene-Vinyl-Acetate-Copolymer-Injection-Molding.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.935 g/cc	0.935 g/cc	ISO 1183
Vinyl Acetate Content	14 %	14 %	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	92	92	ISO 868/A
Hardness, Shore D	40	40	ISO 868/A
Tensile Strength, Yield	6.00 MPa	870 psi	ISO 527
Flexural Modulus	0.0600 GPa	8.70 ksi	ISO 178

Thermal Properties	Metric	English	Comments
Melting Point	91.0 °C	196 °F	Internal Method
Vicat Softening Point	63.0 °C @Load 1.00 kg	145 °F @Load 2.20 lb	ISO 306/A
Brittleness Temperature	<= -80.0 °C	<= -112 °F	ASTM D746

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