

Polimeri Europa Greenflex® MQ 40 Ethylene Vinyl Acetate Copolymer - Injection Molding & Compounding

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

Material Notes:

Greenflex MQ 40 is an ethylene vinyl acetate copolymer (EVA) for injection molding and compounding applications. Greenflex MQ 40 combines high fluidity and high elasticity. Main Applications: Greenflex MQ 40 is recommended for injection molding of gaskets, ski sticks rounds, foamed and crosslinked articles. Information provided by Polimeri Europa.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polimeri-Europa-Greenflex-MQ-40-Ethylene-Vinyl-Acetate-Copolymer-Injection-Molding-Compounding.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.941 g/cc	0.941 g/cc	ISO 1183
Vinyl Acetate Content	19 %	19 %	Internal Method
Melt Flow	12 g/10 min @Load 2.16 kg, Temperature 190 °C	12 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	89	89	ISO 868/A
Hardness, Shore D	33	33	ISO 868/A
Tensile Strength, Yield	4.00 MPa	580 psi	ISO 527
Flexural Modulus	0.0400 GPa	5.80 ksi	ISO 178

Thermal Properties	Metric	English	Comments
Melting Point	83.0 °C	181 °F	Internal Method
Vicat Softening Point	56.0 °C @Load 1.00 kg	133 °F @Load 2.20 lb	ISO 306/A
Brittleness Temperature	<= -80.0 °C	<= -112 °F	ASTM D746

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