

Polimeri Europa Greenflex® MP 34 Ethylene Vinyl Acetate Copolymer - Injection Molding & Compounding

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

Material Notes:

Greenflex MP 34 is an ethylene vinyl acetate copolymer (EVA) for injection molding and compounding applications. Greenflex MP 34 combines high fluidity with high elasticity. Main Applications: Greenflex MP 34 is recommended for the production of articles with a high degree of elasticity, such as gaskets and foamed caps for wine. Information provided by Polimeri Europa.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polimeri-Europa-Greenflex-MP-34-Ethylene-Vinyl-Acetate-Copolymer-Injection-Molding-Compounding.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.929 g/cc	0.929 g/cc	ISO 1183
Vinyl Acetate Content	9.0 %	9.0 %	Internal Method
Melt Flow	9.0 g/10 min @Load 2.16 kg, Temperature 190 °C	9.0 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	40	40	ISO 868/A
Tensile Strength, Yield	7.00 MPa	1020 psi	ISO 527
Flexural Modulus	0.0900 GPa	13.1 ksi	ISO 178

Thermal Properties	Metric	English	Comments
Melting Point	95.0 °C	203 °F	Internal Method
Vicat Softening Point	70.0 °C @Load 1.00 kg	158 °F @Load 2.20 lb	ISO 306/A
Brittleness Temperature	<= -80.0 °C	<= -112 °F	ASTM D746

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