

Polimeri Europa Greenflex® ML 30 Ethylene Vinyl Acetate Copolymer - Injection Molding & Profile Extrusion

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

Material Notes:

Greenflex ML 30 is an ethylene vinyl acetate copolymer (EVA) for injection molding and profile extrusion. Items produced with Greenflex ML 30 show good ESCR and elasticity. Main Applications: Greenflex ML 30 is recommended for the production of gaskets, especially if food contact is required, profiles and flexible items. Information provided by Polimeri Europa.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polimeri-Europa-Greenflex-ML-30-Ethylene-Vinyl-Acetate-Copolymer-Injection-Molding-Profile-Extrusion.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	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	94	94	ISO 868/A
Hardness, Shore D	42	42	ISO 868/A
Tensile Strength, Yield	6.50 MPa	943 psi	ISO 527
Flexural Modulus	0.0900 GPa	13.1 ksi	ISO 178

Thermal Properties	Metric	English	Comments
Melting Point	97.0 °C	207 °F	Internal Method
Vicat Softening Point	72.0 °C @Load 1.00 kg	162 °F @Load 2.20 lb	ISO 306/A
Brittleness Temperature	<= -80.0 °C	<= -112 °F	ASTM D746

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