

E-Polymers EFLEX® V1040 EPDM/TPV

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Vulcanizate Elastomer (TPV)

Material Notes:

V-series (Thermoplastic Vulcanizate Resins): E-FLEX V series resins are a family of thermoplastic elastomers which exhibit rubber-like properties and are processable on conventional thermoplastic equipment. E-FLEX V series resins are based on EPDM/PP or SEBS/SEEPS/PP(PE) utilizing new reactive grade polyolefins exhibiting high value/cost performance. It shows low temperature toughness, chemical resistance, ozone and UV resistant and wide service temperature range from -55 to 120°C for airbag covers, air dams, license plate holders and interior, as well as weather strip and exterior trim applications in automobile industry, for gasket in construction and appliance industry. Information Provided by E-Polymers Co., Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_E-Polymers-EFLEX-V1040-EPDMTPV.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.918 g/cc	0.918 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	45	45	ASTM D2240
Tensile Strength	3.6297 MPa	526.44 psi	ASTM D412
Elongation at Break	300 %	300 %	ASTM D412
Compression Set	16 % @Temperature 23.0 °C	16 % @Temperature 73.4 °F	ASTM D395
	32 % @Temperature 100 °C	32 % @Temperature 212 °F	ASTM D395

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