

E-Polymers EFLEX® V2080 SEBS/TPV

Category : Polymer , Thermoplastic , Elastomer, TPE , Styrenic 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-V2080-SEBTPV.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.904 g/cc	0.904 g/cc	ASTM D792
Melt Flow	2.0 g/10 min @Load 10.0 kg, Temperature 230 °C	2.0 g/10 min @Load 22.0 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	81	81	ASTM D2240
Tensile Strength	9.0252 MPa	1309.0 psi	ASTM D412
Elongation at Break	600 %	600 %	ASTM D412
Compression Set	30 % @Temperature 23.0 °C	30 % @Temperature 73.4 °F	ASTM D395
	44 % @Temperature 100 °C	44 % @Temperature 212 °F	ASTM D395

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