

## E-Polymers EFLEX® V1090 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-V1090-EPDMTPV.php](http://www.lookpolymers.com/polymer_E-Polymers-EFLEX-V1090-EPDMTPV.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.928 g/cc	0.928 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	89	89	ASTM D2240
Tensile Strength	11.38 MPa	1650 psi	ASTM D412
Elongation at Break	400 %	400 %	ASTM D412
Compression Set	38 % @Temperature 23.0 °C	38 % @Temperature 73.4 °F	ASTM D395
	59 % @Temperature 100 °C	59 % @Temperature 212 °F	ASTM D395

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China