

Radici Heraflex® E 4718 TPC-ET Thermoplastic Elastomer

Category : Polymer , Thermoplastic , Elastomer , TPE

Material Notes:

TPC-ET Thermoplastic Elastomer. Low Modulus, Nominal Shore D/15s 43. Natural color
Processing technology: Injection molding
Information provided by Radici group.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Radici-Heraflex-E-4718-TPC-ET-Thermoplastic-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.16 g/cc	1.16 g/cc	
Water Absorption	0.45 % @Time 86400 sec	0.45 % @Time 24.0 hour	MI / 08
Melt Flow	34 g/10 min @Load 2.16 kg, Temperature 230 °C	34 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	47	47	Instantaneous; ISO 868
	43 @Time 15.0 sec	43 @Time 0.00417 hour	ISO 868
Tensile Strength at Break	34.0 MPa	4930 psi	ISO 527-1/2
Elongation at Break	792 %	792 %	ISO 527 1/2
Flexural Modulus	0.214 GPa	31.0 ksi	ISO 178/1A
Izod Impact, Notched	NB	NB	ASTM D256
Tear Strength	142 kN/m	810 pli	ASTM D1004
Abrasion	19	19	mm ³ ; DIN 53516

Thermal Properties	Metric	English	Comments
Melting Point	185 °C	365 °F	
Vicat Softening Point	149 °C @Load 5.10 kg	300 °F @Load 11.2 lb	50°C/h
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	

Thermal Properties	Metric	English	Comments
Electrical Properties	Metric	English	Comments
Comparative Tracking Index	600 V	600 V	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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