

Evonik Corporation Vestoran® RD 5114 EPDM Rubber/Plastic Composite

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE)

Material Notes:

Formulation BUNA® EP G 6470

Order this product through the following link:

http://www.lookpolymers.com/polymer_Evonik-Corporation-Vestoran-RD-5114-EPDM-RubberPlastic-Composite.php

Physical Properties	Metric	English	Comments
Density	0.960 g/cc	0.0347 lb/in ³	
Viscosity Measurement	>= 1.8	>= 1.8	Rheometer, t₁₀
	@Temperature 180 °C	@Temperature 356 °F	
Mooney Viscosity	>= 7.2	>= 7.2	Rheometer, t₉₀
	@Temperature 180 °C	@Temperature 356 °F	
Mooney Viscosity	50	50	ML (1 + 4)
	@Temperature 100 °C	@Temperature 212 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	67	67	
	52	52	
	@Temperature 75.0 °C	@Temperature 167 °F	
Tensile Strength at Break	16.8 MPa	2440 psi	
Elongation at Break	450 %	450 %	
100% Modulus	0.00250 GPa	0.363 ksi	
300% Modulus	0.0105 GPa	1.52 ksi	18% Residual Elongation
Rebound	54 %	54 %	23°C
	64 %	64 %	75°C
Tear Strength	9.00 kN/m	51.4 pli	DIN 53507
Compression Set	12 %	12 %	72 hr;100°C

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