

Vicone High Performance Rubber VicoSeal™ 106C-BK High Performance EPDM Rubber

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

Material Notes:

Information provided by Vicone

Order this product through the following link:

http://www.lookpolymers.com/polymer_Vicone-High-Performance-Rubber-VicoSeal-106C-BK-High-Performance-EPDM-Rubber.php

Physical Properties	Metric	English	Comments
Density	1.497 g/cc	0.05408 lb/in ³	ASTM D3165

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	63	63	ASTM D2240
	68.04	68.04	
	@Treatment Temp. 100 °C, Time 252000 sec	@Treatment Temp. 212 °F, Time 70.0 hour	Heat Aging; ASTM D573
Tensile Strength, Yield	12.1 MPa	1750 psi	ASTM D412
	11.74 MPa	1703 psi	
	@Treatment Temp. 100 °C, Time 252000 sec	@Treatment Temp. 212 °F, Time 70.0 hour	Heat Aging; ASTM D573
Elongation at Break	540.8 %	540.8 %	ASTM D412
	430.48 %	430.48 %	
	@Treatment Temp. 100 °C, Time 252000 sec	@Treatment Temp. 212 °F, Time 70.0 hour	Heat Aging; ASTM D573
Compressive Modulus	0.000540 GPa	0.0783 ksi	
	@Strain 5.00 %	@Strain 5.00 %	
	0.000790 GPa	0.115 ksi	
	@Strain 10.0 %	@Strain 10.0 %	
	0.00153 GPa	0.222 ksi	
	@Strain 20.0 %	@Strain 20.0 %	
	0.00196 GPa	0.284 ksi	
	@Strain 25.0 %	@Strain 25.0 %	
	6.49 %	6.49 %	

Mechanical Properties	Metric	English	Comments
	@ Temperature 100 °C, Time 79200 sec	@ Temperature 212 °F, Time 22.0 hour	

Descriptive Properties	Value	Comments
Color	Black	

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