

Vicone High Performance Rubber VicoSeal™ 617N-BK High Performance EPDM Rubber

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

Material Notes:

Two Material Product:Material 1: VicoSeal™ 617N-70 DUROMaterial 2: SS304 nitrile vulcanized to SS304 (RoHS Approved)Information provided by Vicone

Order this product through the following link:

http://www.lookpolymers.com/polymer_Vicone-High-Performance-Rubber-VicoSeal-617N-BK-High-Performance-EPDM-Rubber.php

Physical Properties	Metric	English	Comments
Density	1.219 g/cc	0.04404 lb/in ³	ASTM D3165

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	69	69	ASTM D2240
	75.97	75.97	
	@Treatment Temp. 100 °C, Time 252000 sec	@Treatment Temp. 212 °F, Time 70.0 hour	Heat Aging; ASTM D573
Tensile Strength, Yield	16.8 MPa	2440 psi	ASTM D412
	15.792 MPa	2290.4 psi	
	@Treatment Temp. 100 °C, Time 252000 sec	@Treatment Temp. 212 °F, Time 70.0 hour	Heat Aging; ASTM D573
Elongation at Break	433.6 %	433.6 %	ASTM D412
	305.86 %	305.86 %	
	@Treatment Temp. 100 °C, Time 252000 sec	@Treatment Temp. 212 °F, Time 70.0 hour	Heat Aging; ASTM D573
Compressive Modulus	0.000590 GPa	0.0856 ksi	
	@Strain 5.00 %	@Strain 5.00 %	
	0.00101 GPa	0.146 ksi	
	@Strain 10.0 %	@Strain 10.0 %	
	0.00159 GPa	0.231 ksi	
	@Strain 20.0 %	@Strain 20.0 %	
	0.00210 GPa	0.305 ksi	
	@Strain 25.0 %	@Strain 25.0 %	

Mechanical Properties	Metric	English	Comments
Compression Set	@Temperature 100 °C, Time 79200 sec	@Temperature 212 °F, Time 22.0 hour	ASTM D395

Descriptive Properties	Value	Comments
Color	Black	

Contact Songhan Plastic Technology Co.,Ltd.

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