

Vicone High Performance Rubber VicoFluor™ C105LF-BL High Performance Fluoroelastomer

Category : Polymer , Thermoset , Fluoropolymer, TS , Thermoset Fluoroelastomer , 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-VicoFluor-C105LF-BL-High-Performance-Fluoroelastomer.php

Physical Properties	Metric	English	Comments
Density	1.44 g/cc	0.0520 lb/in ³	ASTM D3165

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	47	47	ASTM D2240
	51.23	51.23	
	@Treatment Temp. 200 °C, Time 252000 sec	@Treatment Temp. 392 °F, Time 70.0 hour	Heat Aging; ASTM D573
Tensile Strength, Yield	9.00 MPa	1310 psi	ASTM D412
	8.47 MPa	1230 psi	
	@Treatment Temp. 200 °C, Time 252000 sec	@Treatment Temp. 392 °F, Time 70.0 hour	Heat Aging; ASTM D573
Elongation at Break	319 %	319 %	ASTM D412
	250 %	250 %	
	@Treatment Temp. 200 °C, Time 252000 sec	@Treatment Temp. 392 °F, Time 70.0 hour	Heat Aging; ASTM D573
Compressive Modulus	0.000300 GPa	0.0435 ksi	
	@Strain 5.00 %	@Strain 5.00 %	
	0.000480 GPa	0.0696 ksi	
	@Strain 10.0 %	@Strain 10.0 %	
	0.00109 GPa	0.158 ksi	
	@Strain 20.0 %	@Strain 20.0 %	
	0.00158 GPa	0.229 ksi	
	@Strain 25.0 %	@Strain 25.0 %	
	6.35 %	6.35 %	

Mechanical Properties	Metric	English	Comments
	@ Temperature 175 °C, Time 79200 sec	@ Temperature 347 °F, Time 22.0 hour	

Descriptive Properties	Value	Comments
Color	Blue	

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