

Vicone High Performance Rubber VicoSil™ C303Q-GY High Performance Silicone Rubber

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

Material Notes:

Information provided by Vicone

Order this product through the following link:

http://www.lookpolymers.com/polymer_Vicone-High-Performance-Rubber-VicoSil-C303Q-GY-High-Performance-Silicone-Rubber.php

Physical Properties	Metric	English	Comments
Density	1.134 g/cc	0.04097 lb/in ³	ASTM D3165

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	32	32	ASTM D2240
	30.4	30.4	
	@Treatment Temp. 200 °C, Time 252000 sec	@Treatment Temp. 392 °F, Time 70.0 hour	Heat Aging; ASTM D573
Tensile Strength, Yield	6.50 MPa	943 psi	ASTM D412
	3.8155 MPa	553.39 psi	
	@Treatment Temp. 200 °C, Time 252000 sec	@Treatment Temp. 392 °F, Time 70.0 hour	Heat Aging; ASTM D573
Elongation at Break	709.2 %	709.2 %	ASTM D412
	539.7 %	539.7 %	
	@Treatment Temp. 200 °C, Time 252000 sec	@Treatment Temp. 392 °F, Time 70.0 hour	Heat Aging; ASTM D573
Compressive Modulus	0.000200 GPa	0.0290 ksi	
	@Strain 5.00 %	@Strain 5.00 %	
	0.000320 GPa	0.0464 ksi	
	@Strain 10.0 %	@Strain 10.0 %	
	0.000410 GPa	0.0595 ksi	
	@Strain 20.0 %	@Strain 20.0 %	
	0.000750 GPa	0.109 ksi	
	@Strain 25.0 %	@Strain 25.0 %	
	6.31 %	6.31 %	

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

Descriptive Properties	Value	Comments
Color	Cool Gray	

Contact Songhan Plastic Technology Co.,Ltd.

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