

## Vicone High Performance Rubber VicoFluro™ 106F-BK 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-VicoFluro-106F-BK-High-Performance-Fluoroelastomer.php](http://www.lookpolymers.com/polymer_Vicone-High-Performance-Rubber-VicoFluro-106F-BK-High-Performance-Fluoroelastomer.php)

Physical Properties	Metric	English	Comments
Density	1.852 g/cc	0.06691 lb/in <sup>3</sup>	ASTM D3165

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	61	61	ASTM D2240
	59.41	59.41	
	@Treatment Temp. 200 °C, Time 252000 sec	@Treatment Temp. 392 °F, Time 70.0 hour	Heat Aging; ASTM D573
Tensile Strength, Yield	10.8 MPa	1570 psi	ASTM D412
	11.99 MPa	1739 psi	
	@Treatment Temp. 200 °C, Time 252000 sec	@Treatment Temp. 392 °F, Time 70.0 hour	Heat Aging; ASTM D573
Elongation at Break	273.2 %	273.2 %	ASTM D412
	191.24 %	191.24 %	
	@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 %	
	0.000610 GPa	0.0885 ksi	
	@Strain 10.0 %	@Strain 10.0 %	
	0.00122 GPa	0.177 ksi	
	@Strain 20.0 %	@Strain 20.0 %	
	0.00171 GPa	0.248 ksi	
	@Strain 25.0 %	@Strain 25.0 %	
	6.5 %	6.5 %	

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

Descriptive Properties	Value	Comments
Color	Black	

## Contact Songhan Plastic Technology Co.,Ltd.

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