

## Vicone High Performance Rubber VicoFluor™ 06FK-BR High Performance Fluoroelastomer Rubber

Category : Polymer , Thermoset , Fluoropolymer, TS , Thermoset Fluoroelastomer , Rubber or Thermoset Elastomer (TSE)

### Material Notes:

Meets ASTM D2000 fluoroelastomer 60 Durometer.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Vicone-High-Performance-Rubber-VicoFluor-06FK-BR-High-Performance-Fluoroelastomer-Rubber.php](http://www.lookpolymers.com/polymer_Vicone-High-Performance-Rubber-VicoFluor-06FK-BR-High-Performance-Fluoroelastomer-Rubber.php)

Physical Properties	Metric	English	Comments
Density	2.11 g/cc	0.0762 lb/in <sup>3</sup>	ASTM D297

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	59	59	ASTM D2240
Tensile Strength	12.2 MPa	1770 psi	ASTM D412
Elongation at Break	303 %	303 %	ASTM D412
Compressive Modulus	0.00550 GPa	0.798 ksi	ISO-7743
	@Strain 5 %	@Strain 5 %	
	0.00640 GPa	0.928 ksi	
	@Strain 10 %	@Strain 10 %	
	0.00730 GPa	1.06 ksi	ISO-7743
	@Strain 20 %	@Strain 20 %	
	0.00780 GPa	1.13 ksi	ISO-7743
	@Strain 25 %	@Strain 25 %	
Compression Set	22 %	22 %	ASTM D395
	@Temperature 200 °C, Time 79200 sec	@Temperature 392 °F, Time 22.0 hour	

Descriptive Properties	Value	Comments
Color	Brown	
Effect of Liquids - Change in Elongation (%)	-22	ASTM D471
Effect of Liquids - Change in Hardness (%)	-3	ASTM D471
Effect of Liquids - Change in Tensile Strength (%)	-26	ASTM D471; 23°C; 70 h

Effect of Liquids - Change in Volume after Oil Immersion (%) Descriptive Properties	4.5 Value	ASTM D471 Comments
Heat Aging - Change in Elongation (%)	-8	ASTM D573; 275°C; 70h
Heat Aging - Change in Hardness (%)	5	ASTM D573; 275°C; 70h
Heat Aging - Change in Tensile Strength (%)	-11	ASTM D573; 275°C; 70h

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China