

# Boda FF4685

Fluoroelastomer

Chenguang Fluoro & Silicone Elastomers Co., Ltd.

## Message:

Material Type: black perfluoroelastomer compound, hardness Shore A81-87.

Features: It has excellent chemical resistance, good mechanical properties an outstanding thermal stability, FF4685 parts provide reliable, long-term service with wide range of aggressive industrial and electronic grade chemicals. FF4685 expands on the capabilities of FF3070 by offering much lower compression set, increased seal force retention, broader chemical resistance and higher temperature stability.

Continuous Upper Service Temperature: +305°C

Applications: FF4685 is used in highly aggressive chemical processing, semiconductor wafer processing, pharmaceutical, oil and gas recovery, aerospace and petroleum applications.

General Information			
Features	Good Chemical Resistance		
	Good Thermal Stability		
	High Heat Resistance		
	Low Compression Set		
Uses	Aerospace Applications		
	Industrial Applications		
	Pharmaceuticals		
Appearance	Black		
Hardness	Nominal Value		Test Method
Durometer Hardness (Shore A)	84		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	17.0	MPa	ASTM D412
Tensile Elongation (Break)	160	%	ASTM D412
Compression Set (200°C, 70 hr)	29	%	ASTM D395

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## Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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