

## Precision Polymer Engineering V80Q Fluoroelastomer Compound

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

### Material Notes:

Black Fluoroelastomer Rubber, 75-85 °IRHD. Copolymer of vinylidene fluoride and hexafluoropropylene. Formulated using only those ingredients determined by the United States Food and Drug Administration (FDA) according to Code of Federal Regulations Title 21 (CFR21) Part 177.2600. Tested to United States 3-A Sanitary Standard Class 1. Water Research Council (WRC) tested to Water Bylaws Scheme 'Items which have passed full tests of effect on water quality - BS6920' for use in hot and cold potable water applications. Applications: FDA compliant rubber, formulated and tested for use as product contact surfaces in dairy equipment. WRC approved for use in hot and cold potable water applications. WRC Approval No: 9810503

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Precision-Polymer-Engineering-V80Q-Fluoroelastomer-Compound.php](http://www.lookpolymers.com/polymer_Precision-Polymer-Engineering-V80Q-Fluoroelastomer-Compound.php)

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	°IRHD; ASTM D1415
	70 - 90	70 - 90	°IRHD, ±10 change after 72 hours @ 250°C; ASTM D1415
Tensile Strength, Yield	10.0 MPa	1450 psi	ASTM D412
Elongation at Break	200 %	200 %	ASTM D412
Compression Set	15 %	15 %	24 hours @ 200°C; ASTM D395

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	200 °C	392 °F	
Minimum Service Temperature, Air	-20.0 °C	-4.00 °F	
Flash Point	>= 315 °C	>= 599 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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