Precision Polymer V75T

Fluoroelastomer

Precision Polymer Engineering Ltd.

Message:

Peroxide cured, Fluoroelastomer Rubber, 70-80 IRHD. Tetrapolymer of vinylidene fluoride, perfluoromethyl vinyl ether, tetrafluoroethylene plus cure site monomer (CSM). Formulated using Viton? GLT. Viton? is a registered trademark of Dupont®. ASTM designation = FKM. ISO designation = FPM. Recommended for use in static or dynamic applications where low temperature performance is required. Chemical resistance is similar to that of standard fluoroelastomer. Low temperature performance superior to other grades of fluoroelastomer.

General Information			
Features	Low temperature resistance		
Uses	Low temperature application		
Hardness	**Nominal Value**		**Test Method**
IRHD Hardness	75		ASTM D1415, ISO 48
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield)	17.9	MPa	ASTM D412, ISO 37
Tensile Elongation (Break)	150	%	ASTM D412, ISO 37
Compression Set (200°C, 24 hr)	20	%	ASTM D395B, ISO 815
Aging	**Nominal Value**	**Unit**	**Test Method**
Change in Tensile Strength in Air (250°C, 72 hr)	-20	%	ASTM D412, ISO 37
Change in Ultimate Elongation in Air (250°C, 72 hr)	15	%	ASTM D412, ISO 37
Change in IRHD Hardness in Air (250°C, 72 hr)	-4.0		ASTM D573, ISO 188
Thermal	**Nominal Value**	**Unit**	
Maximum Operating Temperature	200	°C	
Additional Information			
Minimum Operating Temperature: -40°C (-40°F)			

Recommended distributors for this material

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