

Fluorocarbon Rubber (FPM), Low Temperature Grade

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

Material Notes:

Fluorocarbon rubbers are very stable toward degradation by chemicals, heat, and oxidation. Some chemicals that attack FPM include ketones, low molecular weight esters, and nitrogen containing solvents/compounds.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Fluorocarbon-Rubber-FPM-Low-Temperature-Grade.php

Physical Properties	Metric	English	Comments
Density	1.85 - 2.30 g/cc	0.0668 - 0.0831 lb/in ³	Compounded

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	55 - 90	55 - 90	Depends on compounding
Tensile Strength, Ultimate	17.0 MPa	2470 psi	Compounded Tire
Compression Set	10 %	10 %	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	225 °C	437 °F	
Minimum Service Temperature, Air	-5.00 °C	23.0 °F	

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