

3M Dyneon™ Fluorel™ FT-2430 Fluoroelastomer VF2 + HFP + TFE Terpolymer (discontinued **)

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

Material Notes:

Data provided by the manufacturer, Dyneon LLC. Non-incorporated cure polymer, 69%F in polymer with 22% Medium Thermal Carbon Black (N990), 2% MgO, 4% Ca(OH)₂, 1.4% Dihydroxy Crosslinker, 0.4% Phosphonium Accelerator. Improved elongation retention after long-term heat aging. Improved acid and organic solvent resistance. Blend with incorporated cure gums; coatings. Used in Raw Gums.

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Dyneon-Fluorel-FT-2430-Fluoroelastomer-VF2-HFP-TFE-Terpolymer-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.86 g/cc	0.0672 lb/in ³	
Mooney Viscosity	30 @Temperature 121 °C	30 @Temperature 250 °F	ML1+10

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	74	74	
Tensile Strength, Ultimate	13.0 MPa	1890 psi	
Tensile Strength, Yield	2.30 MPa	334 psi	M100
Elongation at Break	255 %	255 %	
Coefficient of Friction, Dynamic	0.80	0.80	
Compression Set	38 % @Temperature 200 °C	38 % @Temperature 392 °F	70 hr; ASTM D395B

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-14.0 °C	6.80 °F	TR10

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