

## 3M Dyneon™ Fluorel™ FT-2320 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. Incorporated cure polymer, 69%F in polymer with 22% Medium Thermal Carbon Black (N990), 2% MgO, and 4% Ca(OH)<sub>2</sub>. 69% F grade terpolymer for difficult extrusions. Suggested alternative: FE-5730Q or FE-5830Q. Used in Hose/Extrusion Applications.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-Dyneon-Fluorel-FT-2320-Fluoroelastomer-VF2-HFP-TFE-Terpolymer-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_3M-Dyneon-Fluorel-FT-2320-Fluoroelastomer-VF2-HFP-TFE-Terpolymer-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	1.86 g/cc	0.0672 lb/in <sup>3</sup>	
Mooney Viscosity	23 @Temperature 121 °C	23 @Temperature 250 °F	ML1+10

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	79	79	
Tensile Strength, Ultimate	14.0 MPa	2030 psi	
Tensile Strength, Yield	5.20 MPa	754 psi	M100
Elongation at Break	230 %	230 %	
Coefficient of Friction, Dynamic	0.80	0.80	
Compression Set	39 % @Temperature 200 °C	39 % @Temperature 392 °F	70 hr; ASTM D395B

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-12.0 °C	10.4 °F	TR10

## Contact Songhan Plastic Technology Co.,Ltd.

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