

3M Dyneon™ Fluorel™ FE-5830Q 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, 70.5%F in polymer with 22% Medium Thermal Carbon Black (N990), 2% MgO, and 4% Ca(OH)₂. 70.5% F grade terpolymer with best permeation resistance to auto fluids. Gives smooth extrudates without process aids. Can be compounded to pass -40°C mandrel flex test. Used in Hose/Extrusion Applications.

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Dyneon-Fluorel-FE-5830Q-Fluoroelastomer-VF2-HFP-TFE-Terpolymer-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.90 g/cc	0.0686 lb/in ³	
Mooney Viscosity	33 @Temperature 121 °C	33 @Temperature 250 °F	ML1+10

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	
Tensile Strength, Ultimate	11.0 MPa	1600 psi	
Tensile Strength, Yield	4.40 MPa	638 psi	M100
Elongation at Break	250 %	250 %	
Coefficient of Friction, Dynamic	0.80	0.80	
Compression Set	44 % @Temperature 200 °C	44 % @Temperature 392 °F	70 hr; ASTM D395B

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-7.00 °C	19.4 °F	TR10

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China