

3M Dyneon™ Fluorel™ Dipolymer, 35% Carbon Black Filled (discontinued **)

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

Material Notes:

Data provided by the manufacturer, Dyneon LLC.66% fluorine content. See the many specific grades of Fluorel™ fluoroelastomer in MatWeb.

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Dyneon-Fluorel-Dipolymer-35-Carbon-Black-Filled-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.80 g/cc	0.0650 lb/in ³	
Oxygen Transmission	98.0 cc-mm/m ² -24hr-atm	249 cc-mil/100 in ² -24hr-atm	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	
Modulus of Elasticity	0.0200 GPa	2.90 ksi	Youngs Modulus
Coefficient of Friction, Dynamic	0.80	0.80	

Thermal Properties	Metric	English	Comments
CTE, linear	260 µm/m-°C	144 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Specific Heat Capacity	1.65 J/g-°C	0.394 BTU/lb-°F	
Thermal Conductivity	0.200 W/m-K	1.39 BTU-in/hr-ft ² -°F	
Glass Transition Temp, Tg	-20.0 °C	-4.00 °F	DSC

Electrical Properties	Metric	English	Comments
Electrical Resistivity	1.00e+13 - 1.00e+14 ohm-cm	1.00e+13 - 1.00e+14 ohm-cm	
Dielectric Constant	11.4	11.4	
	@Frequency 6.00e+7 Hz	@Frequency 6.00e+7 Hz	
Dielectric Strength	25.0 kV/mm	635 kV/in	

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