

## 3M Dyneon™ FEP 6301Z Fluorinated Ethylene Propylene Fluorothermoplastic Granules

Category : Polymer , Thermoplastic , Fluoropolymer , FEP

### Material Notes:

Dyneon FEP 6301Z is offered for extrusion, injection molding and transfer molding for the wire and cable and chemical process industries. Their distinguishing features include: Excellent electrical properties High thermal stability Long term temperature rating up to 200°C Outstanding chemical resistance Wide processing window Information provided by Dyneon, A 3M Company

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-Dyneon-FEP-6301Z-Fluorinated-Ethylene-Propylene-Fluorothermoplastic-Granules.php](http://www.lookpolymers.com/polymer_3M-Dyneon-FEP-6301Z-Fluorinated-Ethylene-Propylene-Fluorothermoplastic-Granules.php)

Physical Properties	Metric	English	Comments
Specific Gravity	2.14 g/cc	2.14 g/cc	ASTM D792
Melt Index of Compound	1.0 g/10 min @Load 5.00 kg, Temperature 372 °C	1.0 g/10 min @Load 11.0 lb, Temperature 702 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	30.0 MPa	4350 psi	ASTM D638
Elongation at Break	350 %	350 %	ASTM D638
Flexural Modulus	0.530 GPa	76.9 ksi	ASTM D790
Izod Impact, Notched	NB @Temperature -40.0 °C	NB @Temperature -40.0 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	260 °C	500 °F	ASTM D4591
Brittleness Temperature	<= -70.0 °C	<= -94.0 °F	ASTM D746
Flammability, UL94	V-0	V-0	
Oxygen Index	>= 95 %	>= 95 %	ASTM D2863

Electrical Properties	Metric	English	Comments
Dissipation Factor	<= 0.00030 @Frequency 1000 Hz	<= 0.00030 @Frequency 1000 Hz	ASTM D150
	<= 0.00070 @Frequency 1e+6 Hz	<= 0.00070 @Frequency 1e+6 Hz	ASTM D150

Electrical Properties

Metric

English

Comments

## Contact Songhan Plastic Technology Co.,Ltd.

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