

## 3M Dyneon™ FEP 6307 R2RZ Fluorinated Ethylene Propylene Fluorothermoplastic Granules

Category : Polymer , Thermoplastic , Fluoropolymer , FEP

### Material Notes:

Dyneon FEP 6307 R2RZ is a special version of Dyneon FEP 6307 wire jacketing grade FEP with an added nucleating agent for improved foaming in gas injection extrusion processes. As the gas expands and begins to form voids, the added nucleating agent in Dyneon FEP 6307 R2RZ acts as a site for void formation. Dyneon FEP 6307 R2RZ is listed by Underwriters Laboratories as a Plenum Cable Component. It is ideal for gas injection extrusion of foamed FEP coaxial cable core. Information provided by Dyneon, A 3M Company

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-Dyneon-FEP-6307-R2RZ-Fluorinated-Ethylene-Propylene-Fluorothermoplastic-Granules.php](http://www.lookpolymers.com/polymer_3M-Dyneon-FEP-6307-R2RZ-Fluorinated-Ethylene-Propylene-Fluorothermoplastic-Granules.php)

Physical Properties	Metric	English	Comments
Specific Gravity	2.15 g/cc	2.15 g/cc	ASTM D792
Melt Index of Compound	7.5 g/10 min	7.5 g/10 min	ASTM D1238
	@Load 5.00 kg, Temperature 372 °C	@Load 11.0 lb, Temperature 702 °F	

Thermal Properties	Metric	English	Comments
Melting Point	260 °C	500 °F	ASTM D4591
Oxygen Index	>= 95 %	>= 95 %	ASTM D2863

Electrical Properties	Metric	English	Comments
Dielectric Constant	<= 2.15	<= 2.15	ASTM D150
	@Frequency 1000 - 1.00e+6 Hz	@Frequency 1000 - 1.00e+6 Hz	
Dissipation Factor	<= 0.00030	<= 0.00030	ASTM D150
	@Frequency 1000 Hz	@Frequency 1000 Hz	
	<= 0.00090	<= 0.00090	ASTM D150
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	

## Contact Songhan Plastic Technology Co.,Ltd.

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