

## Shandong Dongyue Shenzhou New Material Co DS600 Perfluorinated Ethylene-Propylene Copolymer

Category : Polymer , Thermoplastic , Fluoropolymer , FEP

### Material Notes:

Conformable with: Q/DYS 003-2007 Fluorinated Ethylene Propylene resin is the copolymer of the TFE and HFP, with good thermal stability, outstanding chemical inertness, good electrical insulation, and low coefficient of friction, enabling thermoplastic processing methods. Main Applications: Extrusion processed for generic type resin, mainly used for wire insulation layer, tubes, film, and so on. Information Provided by Shandong Dongyue Shenzhou New Material Co., Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Shandong-Dongyue-Shenzhou-New-Material-Co-DS600-Perfluorinated-Ethylene-Propylene-Copolymer.php](http://www.lookpolymers.com/polymer_Shandong-Dongyue-Shenzhou-New-Material-Co-DS600-Perfluorinated-Ethylene-Propylene-Copolymer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	2.15 - 2.17 g/cc	2.15 - 2.17 g/cc	
Volatiles	<= 0.10 %	<= 0.10 %	
Melt Flow	4.1 - 8.0 g/10 min	4.1 - 8.0 g/10 min	A
	8.1 - 12 g/10 min	8.1 - 12 g/10 min	B

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	>= 21.0 MPa	>= 3050 psi	
Elongation at Break	>= 300 %	>= 300 %	

Thermal Properties	Metric	English	Comments
Melting Point	255 - 275 Â°C	491 - 527 Â°F	

Electrical Properties	Metric	English	Comments
Dielectric Constant	<= 2.15	<= 2.15	
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	
Dissipation Factor	<= 0.00070	<= 0.00070	
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	

Descriptive Properties	Value	Comments
Appearance	Translucent particles, without impurities such as metal debris and sand, containing visible black particles percentage point less than 2%	

Descriptive Properties	Value	Comments
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