

3M Dyneon™ TF 9205 PTFE

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE

Material Notes:

3M™ Dyneon™ PTFE TF micropowders can be used as additives in many different applications and at concentrations typically from 5 to 20%. Homogeneous incorporation helps ensure optimum performance. Because of its small particle size coupled with good free-flowing properties, Dyneon PTFE TF 9205 exhibits very good metering behavior and can be easily incorporated into other materials – even in dry blends. Product Features: Low molecular weight PTFE produced by thermal degradation Rigid particle morphology Used as an additive to: Improve non-stick properties Reduce coefficient of friction Increase wear resistance of matrix material Information provided by Dyneon, A 3M Company

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Dyneon-TF-9205-PTFE.php

Physical Properties	Metric	English	Comments
Bulk Density	0.400 g/cc	0.0145 lb/in ³	ASTM D4895
Particle Size	8.0 µm	8.0 µm	average; ISO 13321
Specific Surface Area	2.0 m ² /g	2.0 m ² /g	BET; DIN 66132
Viscosity	100000 cP	100000 cP	Melt
Melt Flow	12 g/10 min	12 g/10 min	ISO 1133

Thermal Properties	Metric	English	Comments
Melting Point	325 °C	617 °F	Peak Temperature

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