

3M Dyneon™ FX 5912 Dynamar™ Polymer Processing Additive

Category : Other Engineering Material , Additive/Filler for Polymer , Polymer , Thermoplastic , Fluoropolymer

Material Notes:

Dynamar FX 5912 is a free-flowing fluorothermoplastic processing aid that is designed for use at very low levels to improve the processing of thermoplastics. Typical use levels of 200 to 1000 ppm have demonstrated benefits in specialized extrusion, and calendaring processes.

Features and BenefitsProcess targets: Extrusion and processing of wire and cable, fiber spinning, and certain calendaring

operationsBroadens extrusion processing capabilities of certain types of polyolefin resinsExcellent thermal stabilityEffective as a process

aid over a broad process temperature rangeFree flowing granular product form100% activeReduces/eliminates die build-upLowers

apparent melt viscosityFor use at very low levelsCan offer performance and cost advantagesInformation provided by Dyneon, A 3M

Company

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Dyneon-FX-5912-Dynamar-Polymer-Processing-Additive.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.90 - 1.96 g/cc	1.90 - 1.96 g/cc	
Particle Size	<= 2400 µm	<= 2400 µm	0.98
Melt Index of Compound	15 - 25 g/10 min @Load 5.00 kg, Temperature 265 °C	15 - 25 g/10 min @Load 11.0 lb, Temperature 509 °F	

Thermal Properties	Metric	English	Comments
Melting Point	110 - 126 °C	230 - 259 °F	

Descriptive Properties	Value	Comments
Active Ingredients (%)	100	
Color	Clear to off-white	
Form	Free-flowing granular	

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