

Solvay Specialty Polymers Hylar[®] 301F Polyvinylidene Fluoride (PVDF)

Category : Polymer , Thermoplastic , Fluoropolymer , PVDF , Polyvinylidene fluoride (PVDF), Molded/Extruded

Material Notes:

Hylar[®] 301F is a high melt viscosity polyvinylidene fluoride (PVDF) powder used for non-architectural dispersion coatings. Features: High Viscosity; Homopolymer Uses: Coating Applications Additional Properties: Crystallization Heat - ASTM D3418 44.0 J/g; Heat of Fusion - ASTM D3418 40.0 J/g; Hegman Grind - ASTM D1210 5.50; Thermal Stability - 375 °C; Thermal Stability - 410 °C Information provided by Solvay Specialty Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-Specialty-Polymers-Hylar-301F-Polyvinylidene-Fluoride-PVDF.php

Physical Properties	Metric	English	Comments
Density	1.75 - 1.77 g/cc	0.0632 - 0.0639 lb/in ³	ASTM D1505
Water Absorption at Saturation	0.020 %	0.020 %	ASTM D570
Viscosity	2.90e+6 - 3.30e+6 cP	2.90e+6 - 3.30e+6 cP	Melt Viscosity; ASTM D3835

Thermal Properties	Metric	English	Comments
Specific Heat Capacity	1.30 J/g-°C	0.311 BTU/lb-°F	ASTM C351
Melting Point	160 °C	320 °F	DSC
Crystallization Temperature	124 °C	255 °F	Peak; ASTM D3418

Optical Properties	Metric	English	Comments
Gloss	25 %	25 %	60°; ASTM D2457

Descriptive Properties	Value	Comments
Availability	Europe; North America	
Form	Powder	
Processing Technique	Coating	

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