

Shanghai Ofluorine 9201F PVDF Powder for cables

Category : Polymer , Thermoplastic , Fluoropolymer , PVDF

Material Notes:

Description: Excellent mechanical properties, heat resistance and flame resistance, PVDF for cable can bear high temperature, corrosive chemicals etc harsh working environment, which has low smoke, low fog, low flame spread characteristics. Information provided by Shanghai Ofluorine Chemical Technology

Order this product through the following link:

http://www.lookpolymers.com/polymer_Shanghai-Ofluorine-9201F-PVDF-Powder-for-cables.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.77 - 1.78 g/cc	1.77 - 1.78 g/cc	ISO R1183D
Particle Size	<= 15 Âµm	<= 15 Âµm	Average size after sieving
Melt Flow	4.0 - 8.0 g/10 min @Load 12.5 kg, Temperature 230 Â°C	4.0 - 8.0 g/10 min @Load 27.6 lb, Temperature 446 Â°F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	68	68	ISO 868
Tensile Strength at Break	>= 26.0 MPa @Strain >=100 %	>= 3770 psi @Strain >=100 %	ISO R527
Elongation at Break	>= 100 %	>= 100 %	ISO R527
Flexural Strength	650 MPa	94300 psi	ISO 178
Izod Impact, Notched	8.00 J/cm	15.0 ft-lb/in	ISO 180

Thermal Properties	Metric	English	Comments
Melting Point	141 - 144 Â°C	286 - 291 Â°F	ISO 416C
Heat Distortion Temperature	48.0 Â°C	118 Â°F	ISO 75
Oxygen Index	43 %	43 %	ASTM D2863

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