

Shanghai Ofluorine J-2 PVDF Extrusion Grade

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

Material Notes:

Description: J-2 PVDF is a kind of granules homopolymer, which has middle melt viscosity, J-2 is more suitable for extrusion process. J-2 PVDF pellets as raw materials, the finished products has excellent mechanical strength and flexibility. It can not be eroded by acid, alkali, strong oxidant, halogens. Good durability to aliphatic hydrocarbons, aromatic hydrocarbons, alcohol, aldehyde etc. In the work of hydrochloric acid, nitric acid, sulfuric acid, dilute alkali liquor, dense alkali liquor(40%) and 100Â°C, which keep stable. Others, J-2 PVDF finished products has the properties of ?-Ray resistant, UV resistant, and stability in wide temperature range. Application: manufacture PVDF tubes, PVDF pipes, PVDF valves etc. Information provided by Shanghai Ofluorine Chemical Technology

Order this product through the following link:

http://www.lookpolymers.com/polymer_Shanghai-Ofluorine-J-2-PVDF-Extrusion-Grade.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.77 - 1.79 g/cc	1.77 - 1.79 g/cc	ASTM D792
Water Absorption	<= 0.050 %	<= 0.050 %	ASTM D570
Melt Flow	5.0 - 10 g/10 min @Load 10.0 kg, Temperature 230 Â°C	5.0 - 10 g/10 min @Load 22.0 lb, Temperature 446 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	70 - 80	70 - 80	ASTM D2240
Tensile Strength at Break	>= 30.0 MPa	>= 4350 psi	50mm/min; ASTM D638
Tensile Strength, Yield	>= 40.0 MPa	>= 5800 psi	50mm/min; ASTM D638
Elongation at Break	>= 50 %	>= 50 %	50mm/min; ASTM D638
Elongation at Yield	5.0 - 10 %	5.0 - 10 %	50mm/min; ASTM D638

Thermal Properties	Metric	English	Comments
Melting Point	165 - 171 Â°C	329 - 340 Â°F	10Â°C/min; ASTM D3418
Flammability, UL94	V-0	V-0	

Descriptive Properties	Value	Comments
Appearance	White translucent pellets	

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