

Shanghai Ofluorine D-1 PVDF Lithium Ion Battery Binders (DF-2)

Category : Polymer , Thermoplastic , Fluoropolymer , PVDF

Material Notes:

Description: D-1 PVDF Powder has good solubility in some solvent, it is more suitable for lithium ion battery industry as binder. D-1 PVDF is a homopolymer with high dielectric constant, which shows high viscosity and bonding properties in some solvent, easy to form film. D-1 PVDF powder as raw materials, the lithium ion battery membrane have good chemical stability, temperature stability, excellent mechanical strength and processability. Information provided by Shanghai Ofluorine Chemical Technology

Order this product through the following link:

http://www.lookpolymers.com/polymer_Shanghai-Ofluorine-D-1-PVDF-Lithium-Ion-Battery-Binders-DF-2.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.74 - 1.77 g/cc	1.74 - 1.77 g/cc	ASTM D792
Water Absorption	0.10 %	0.10 %	Karl Fischer
Viscosity Measurement	1.0 - 2.0	1.0 - 2.0	[dL/g] DMA, Intrinsic Viscosity
	@Temperature 30.0 Â°C	@Temperature 86.0 Â°F	
	>= 200	>= 200	[mPa.S] 1g/ml MNP, Rotary Viscosity
	@Temperature 30.0 Â°C	@Temperature 86.0 Â°F	

Thermal Properties	Metric	English	Comments
Melting Point	158 - 168 Â°C	316 - 334 Â°F	ASTM D3418

Descriptive Properties	Value	Comments
Appearance	White solid powder	
Purity	0.995	
Solubility	no impurity and insoluble matter	1g/10ml NMP
	Solution is clear and transparent	30Â°C, 1hr

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