

Shanghai Ofluorine PVDF D-1

Polyvinylidene Fluoride

Shanghai Ofluorine Chemical Technology Co., Ltd

Message:

D-1 PVDF are widely used as binders in lithium ion battery industry, and as battery separators in lithium-ion polymer technology. D-1 PVDF is 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.

General Information			
Features	Bondability		
	Clean/High Purity		
	Good Processability		
	Good Thermal Stability		
	High Strength		
	High Viscosity		
	Low to No Odor		
Uses	Binder		
Appearance	White		
Forms	Powder		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.74 to 1.77	g/cm ³	ASTM D792
Water Absorption (Equilibrium)	0.10	%	Karl Fisher
Purity	99.5	%	
Viscosity - Rotary ¹ (30°C)	2.50 to 4.50	Pa · s	
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	160 to 168	°C	ASTM D3418
NOTE			
1.	0.1 g/10ml NMP		

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