

Shanghai Ofluorine PVDF 904

Polyvinylidene Fluoride

Shanghai Ofluorine Chemical Technology Co., Ltd

Message:

Ofluorine 904 PVDF has good solubility in some special solvent, which is good raw materials for PVDF membranes.

Ofluorine 904 PVDF as raw materials, the PVDF membranes 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 100deg.C, which keep stable.

Others, 904 PVDF finished products has the properties of gamma-Ray resistant, UV(ultraviolet) resistant, and stability in wide temperature range.

General Information			
Features	Acid Resistant		
	Alcohol Resistant		
	Alkali Resistant		
	Good Flexibility		
	Good Thermal Stability		
	Good UV Resistance		
	High Strength		
	Hydrocarbon Resistant		
	Low to No Odor		
	Oxidation Resistant		
	Radiation (Gamma) Resistant		
Uses	Membranes		
Appearance	White		
Forms	Powder		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.77 to 1.79	g/cm ³	ASTM D792
Water Absorption ¹ (Equilibrium)	0.10	%	Internal Method
Intrinsic Viscosity ²	1.4 to 1.9	dl/g	
Viscosity - Rotary ³ (30°C)	> 450	mPa · s	
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature ⁴	160 to 168	°C	ASTM D3418
NOTE			
1.	Drying Loss Method		
2.	Ubbelohde Viscometer		
3.	0.1 g/10ml DMAC		
4.	10°C/min		

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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