

Shanghai Ofluorine 904 PVDF for water UF (ultrafiltration) Membranes

Category : Polymer , Thermoplastic , Fluoropolymer , PVDF

Material Notes:

Description: Ofluorine 904 PVDF Powder for water UF membranes has good solubility in some special solvent, which is a good raw material for PVDF UF 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 100°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. Information provided by Shanghai Ofluorine Chemical Technology

Order this product through the following link:

http://www.lookpolymers.com/polymer_Shanghai-Ofluorine-904-PVDF-for-water-UF-ultrafiltration-Membranes.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.77 - 1.79 g/cc	1.77 - 1.79 g/cc	ASTM D792
Water Absorption	0.10 %	0.10 %	Drying loss method
Viscosity Measurement	1.4 - 1.9	1.4 - 1.9	[10 ^{<sup>2</sup> ml/g], Intrinsic Viscosity}
	>= 0.45 @Temperature 30.0 °C	>= 0.45 @Temperature 86.0 °F	[mPa.S] 1g/ml MNP, Rotary Viscosity

Thermal Properties	Metric	English	Comments
Melting Point	160 - 168 °C	320 - 334 °F	10°C/min; ASTM D3418

Descriptive Properties	Value	Comments
Appearance	White powder	
Solubility	Solution is clear and transparent, no impurity and insoluble matter	

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