

Shanghai Ofluorine PVDF PF-1

Polyvinylidene Fluoride

Shanghai Ofluorine Chemical Technology Co., Ltd

Message:

PF-1 PVDF film be made by our company's patent (China patent no. 201110048732.4), it is the PVDF base nanocomposite, white color and opaque, with high mechanical strength, good thermal stability, low gas/liquids permeability, fire retardant, our PVDF film can effectively separate and absorb ultraviolet, completely sunlight degradation resistance, with excellent chemical resistance and outdoor weather durability.
PF type PVDF film mainly used as surface substrate material in the solar back sheet of coating composite technology.

General Information			
Features	Flame Retardant		
	Good Chemical Resistance		
	Good Thermal Stability		
	Good Weather Resistance		
	High Strength		
	Low Gas Permeability		
	Low Liquid Permeability		
	Sunlight Resistant		
Appearance	Opaque		
	White		
Forms	Film		
Physical	Nominal Value	Unit	Test Method
Density	1.81 to 1.85	g/cm ³	ISO 1183
Shrinkage ¹	< 1.0	%	ISO 11501
UV Transmittance	< 1.0	%	
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	24 to 26	μm	ISO 4593
Tensile Strength			ASTM D882
MD : Yield	> 30.0	MPa	
TD : Yield	> 30.0	MPa	
Tensile Elongation			ASTM D882
MD : Break	> 100	%	
TD : Break	> 50	%	
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	> 110	kV/mm	ASTM D149
NOTE			
1.	150°C for 30 min		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any

infringement occurs, please contact us immediately.

Recommended distributors for this material

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

