

China PPS Filament

Polyphenylene Sulfide

Sichuan Deyang Chemical Co., Ltd

Message:

It is one of our PPS Fiber product series. It owns outstanding performances of chemical resistance, thermo stability in high temperature condition, flame retardant, non-conducting, radiation resistance, etc. Therefore, it is called special functional fiber. Besides this, it is easy to card and has low thermal shrinkage rate.

It is mainly used to make special functional fabric and thread. Generally it can be single or blended weaved according to different requirement to make different fabric. It can be used to make fireproof or insulating fabric, carpets which are used in special area, hanging, anti-fog material and radiation resistant material, framework of pipe, insulator, gasket and packing material, etc.

Chemical Stability: Except hot concentrated sulfuric acid and nitric acid, it owns strong performance of acid and alkaline resistance. No solvent could dissolve it under 200°C

General Information			
Features	Electrically Insulating		
	Flame Retardant		
	Good Chemical Resistance		
	Good Thermal Stability		
	High Heat Resistance		
	Radiation (Gamma) Resistant		
Uses	Carpet Backing		
	Fabrics		
	Gaskets		
	Insulation		
	Packaging		
	Piping		
Textile Applications			
Forms	Fiber		
Mechanical	Nominal Value	Unit	Test Method
Tensile Elongation (Break)	22	%	Internal Method
Thermal	Nominal Value	Unit	
Continuous Use Temperature	190	°C	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	40	%	Internal Method
Additional Information	Nominal Value	Unit	
Breaking Strength	4.10	CN/dt	
Linear Density	220-440dtex/50-100f		

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