

# China PPS Staple Fiber

Polyphenylene Sulfide

Sichuan Deyang Chemical Co., Ltd

## Message:

It is one of the PPS fiber products 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 nonwoven fabric. Generally it can be single or blended weaved according to different requirement to make different kinds of products. Such as: filter fabric of coal fired boiler, fabric of paper-making machine, electrolytic diaphragm, filtering material of liquid/gas, special functional packing material and filtering material. Now, it is mainly used to make filtering bags for coal fired power station. And it is regarded as the most reliable filtering material with highest capability/price Ratio in the environment protecting industry in the world.

General Information			
Features	Anti-gamma radiation		
	Good chemical resistance		
	Thermal stability, good		
	Flame retardancy		
Uses	Packaging		
	Textile applications		
	Filter material		
	Non-woven fabric		
	Fabric		
Forms	Fiber		
Mechanical	Nominal Value	Unit	Test Method
Tensile Elongation (Break)	54 - 83	%	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	3.70 - 4.30	CN/dt	
Linear Density	2.2-7.8dtex		

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

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

