

## Toho Tenax Pyromex® PX 2d Crimped Carbon Fiber

Category : Carbon , Carbon Fiber , Other Engineering Material , Composite Fibers

### Material Notes:

Pyromex® is an oxidized organic polyacrylonitrile (PAN) fiber with excellent heat and flame resistance. It also features excellent resistance to chemicals and good electrical insulation properties. In addition, unlike inorganic fibers, this yarn is highly processable for yarn spinning and weaving. Pyromex® is widely used in anti-spattering sheets for welding, fleeces or needle felts for heat protection in the auto or aerospace industries, heat protective clothing, protective covering for furnaces, heat insulators, brake or clutch discs, and high temperature carbon/carbon composite (C/C) parts. It is available as tow or staple fiber. Information provided by Toho Carbon Fibers, a wholly owned subsidiary of Toho Tenax Co., Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Toho-Tenax-Pyromex-PX-2d-Crimped-Carbon-Fiber.php](http://www.lookpolymers.com/polymer_Toho-Tenax-Pyromex-PX-2d-Crimped-Carbon-Fiber.php)

Physical Properties	Metric	English	Comments
Density	1.41 g/cc	0.0509 lb/in <sup>3</sup>	
Water Absorption at Saturation	16 %	16 %	Typical Moisture Content
Fiber Count	2.20 dtex	1.98 denier	

Mechanical Properties	Metric	English	Comments
Elongation at Break	20 %	20 %	Dry
Tenacity	0.203 N/tex	2.30 g/denier	Dry

Descriptive Properties	Value	Comments
Crimp Ratio	8-22%	
Finish	0.5%	
Number of Crimps	6-12/inch	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China