

## Mid-Mountain Materials HYTEX® 5000 High Carbon Industrial Textile (PAN)

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

### Material Notes:

Description: HYTEX is the trademark for the textile products manufactured by Mid-Mountain Materials, Inc. Hytex high performance textile products are manufactured from various yarns of varying chemistry and in differing configurations (cloth, tape, sleeving, rope etc.). Mid-Mountain can design hybrid materials by blending most any combination of yarns. A family of textile products composed of heat-stabilized polyacrylonitrile fibers recommended for short term exposure to very high temperature. Information provided by Mid-Mountain Materials.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Mid-Mountain-Materials-HYTEX-5000-High-Carbon-Industrial-Textile-PAN.php](http://www.lookpolymers.com/polymer_Mid-Mountain-Materials-HYTEX-5000-High-Carbon-Industrial-Textile-PAN.php)

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	371 Â°C	700 Â°F	Continuous
	482 Â°C	900 Â°F	Short Term
Maximum Service Temperature, Inert	2760 Â°C	5000 Â°F	Continuous
	3320 Â°C	6000 Â°F	Short Term
Decomposition Temperature	3650 Â°C	6600 Â°F	

Descriptive Properties	Value	Comments
Abrasion Resistance	Fair	
Acid Resistance	Excellent	
Alkali Resistance	Good	
Color	Black	
Composition	Polyacrylonitrile 64% Carbon (PAN)	
Solvent Resistance	Excellent	
Sunlight & Aging Resistance	Good	

## Contact Songhan Plastic Technology Co.,Ltd.

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