

Toho Tenax Besfight® STS 24K HTA-7C F301 Continuous Filament Carbon Fiber

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

Material Notes:

Standard Modulus; Collimated; Polyacrylonitrile (PAN) based fiber Typical values; measured by Toho Strand Test Method based on JIS R7601 for fiber selection purposes. 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-Besfight-STS-24K-HTA-7C-F301-Continuous-Filament-Carbon-Fiber.php

Physical Properties	Metric	English	Comments
Density	1.75 g/cc	0.0632 lb/in ³	
Fiber Count	16000 dtex	14400 denier	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	4000 MPa	580000 psi	
Elongation at Break	1.67 %	1.67 %	
Tensile Modulus	240 GPa	34800 ksi	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00150 ohm-cm	0.00150 ohm-cm	

Descriptive Properties	Value	Comments
Filament Diameter	7 μm	
Size Level	1%	

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