

Toho Tenax Besfight® G30-500 12K HTA-7C EP01 Continuous Filament Carbon Fiber

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

Material Notes:

Standard Modulus; Collimated; Polyacrylonitrile (PAN) based fiberTypical 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-G30-500-12K-HTA-7C-EP01-Continuous-Filament-Carbon-Fiber.php

Physical Properties	Metric	English	Comments
Density	1.76 g/cc	0.0636 lb/in ³	
Fiber Count	8100 dtex	7290 denier	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	3930 MPa	570000 psi	
Elongation at Break	1.65 %	1.65 %	
Tensile Modulus	234 GPa	34000 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	1.3%	

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