

Toho Tenax Besfight® G40-800 12K IMA5C EP03 Continuous Filament Carbon Fiber

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

Material Notes:

Intermediate 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-G40-800-12K-IMA5C-EP03-Continuous-Filament-Carbon-Fiber.php

Physical Properties	Metric	English	Comments
Density	1.79 g/cc	0.0647 lb/in ³	
Fiber Count	4200 dtex	3780 denier	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	5580 MPa	810000 psi	
Elongation at Break	1.95 %	1.95 %	
Tensile Modulus	286 GPa	41500 ksi	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00140 ohm-cm	0.00140 ohm-cm	

Descriptive Properties	Value	Comments
Filament Diameter	5 µm	
Size Level	1.3%	

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