

Toho Tenax Besfight® G40-600 12K IMA-7C EP03 Continuous Filament Carbon Fiber

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

Material Notes:

Intermediate 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-G40-600-12K-IMA-7C-EP03-Continuous-Filament-Carbon-Fiber.php

Physical Properties	Metric	English	Comments
Density	1.74 g/cc	0.0629 lb/in ³	
Fiber Count	6920 dtex	6230 denier	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	4960 MPa	720000 psi	
Elongation at Break	1.7 %	1.7 %	
Tensile Modulus	290 GPa	42000 ksi	

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

Descriptive Properties	Value	Comments
Filament Diameter	7 µm	
Size Level	1.3%	

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