

Toho Tenax Besfight® G50-300 12K HMA-7C EP01 Continuous Filament Carbon Fiber

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

Material Notes:

High 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-G50-300-12K-HMA-7C-EP01-Continuous-Filament-Carbon-Fiber.php

Physical Properties	Metric	English	Comments
Density	1.78 g/cc	0.0643 lb/in ³	
Fiber Count	7700 dtex	6930 denier	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	3310 MPa	480000 psi	
Elongation at Break	0.92 %	0.92 %	
Tensile Modulus	359 GPa	52000 ksi	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00100 ohm-cm	0.00100 ohm-cm	

Descriptive Properties	Value	Comments
Filament Diameter	7 μm	
Size Level	1.4%	

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