

Toho Tenax Besfight® G55-700 24K HMA-5C A303 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-G55-700-24K-HMA-5C-A303-Continuous-Filament-Carbon-Fiber.php

Physical Properties	Metric	English	Comments
Density	1.80 g/cc	0.0650 lb/in ³	
Fiber Count	8100 dtex	7290 denier	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	4620 MPa	670000 psi	
Elongation at Break	1.18 %	1.18 %	
Tensile Modulus	393 GPa	57000 ksi	

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

Descriptive Properties	Value	Comments
Filament Diameter	5 μm	
Size Level	1%	

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