

Zoltek Pyron® Continuous Tow Oxidized Pan Fiber

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

Material Notes:

Oxidized Pan Fiber Applications include: Yarn Stretch Breaking, Pulp Milling, Staple Fiber Chop for Nonwovens or Yarn Spinning

Order this product through the following link:

http://www.lookpolymers.com/polymer_Zoltek-Pyron-Continuous-Tow-Oxidized-Pan-Fiber.php

Physical Properties	Metric	English	Comments
Density	1.37 g/cc	0.0495 lb/in ³	
	1.40 g/cc	0.0506 lb/in ³	
Fineness	1.7	1.7	Fineness, dTex
	2.2	2.2	Fineness, dTex
	5.0	5.0	Fineness, dTex
Filament Diameter	12.5 µm	12.5 µm	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	240 MPa	34800 psi	

Component Elements Properties	Metric	English	Comments
Carbon, C	62 %	62 %	
Loss on Ignition(%)	>= 40 %	>= 40 %	
	>= 50 %	>= 50 %	

Descriptive Properties	Value	Comments
Filament Count	300000	
Format, crimp level/inch	Uncrimped	

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