

Zoltek Panex 35® Tow Weave Carbon Fiber Fabrics

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

Material Notes:

Tow Weave Carbon Fiber Fabrics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Zoltek-Panex-35-Tow-Weave-Carbon-Fiber-Fabrics.php

Physical Properties	Metric	English	Comments
Density	1.81 g/cc	0.0654 lb/in³	
Filament Diameter	7.2 µm	7.2 µm	
Thickness	1400 microns	55.1 mil	
	2360 microns	92.9 mil	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	4137 MPa	600000 psi	
Tensile Modulus	242 GPa	35100 ksi	

Component Elements Properties	Metric	English	Comments
Carbon, C	95 %	95 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00155 ohm-cm	0.00155 ohm-cm	

Descriptive Properties	Value	Comments
Areal Weights, g/m2	1640	
	950	
Construction	Plain, Twill, Satin Weaves	
Filament Count	50000	
Roll Length, m	25	
Width, mm	1270	
Yarn	Zoltek Panex 35® 50k Continuous Tow	

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