

Technical Datasheet

ZOLTEK™ PX30 Roving

DESCRIPTION

ZOLTEK PX30 High-Twist Roving is manufactured with high twist to improve its handling characteristics. The roving is widely used as a baseline material for the manufacture of friction clutches and brakes. Thick fabrics woven of ZOLTEK PX30 High-Twist Roving allow for efficient buildup during fabrication of composite substructures.



MATERIAL OVERVIEW	SI	US
Carbon Content	99%	
Density	1.75 g/cc	0.063 lb/in ³
Yield	2,015 m/kg	1,000 yds/lb
Denier	4,465 g/9,000 m	
Twist Direction	S or Z	
Turns Per Inch	1.7	
Oxidation Rate (% per hour) at 932 °F (500 °C)	1.0	

The properties listed in this datasheet do not constitute any warranty or guarantee of values. This information should only be used for the purposes of material selection. Please contact us for more details.

TYPICAL PACKAGING

Roving shall weigh a minimum of 1.0 pound and shall be placed into a plastic bag, twist tied closed, and placed into a partitioned 22" x 22" x 8" double wall cardboard box with support pads above and below the layer to prevent damage. Each box holds up to 16 spools.

CERTIFICATION

ZOLTEK PX30 High Twist Roving is manufactured in accordance with ZOLTEK's written and published data. A Certificate of Conformance is provided with each shipment.

SAFETY

Obtain, read, and understand the Material Safety Data Sheet (SDS) before use of this or any other ZOLTEK product.

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