

Technical Datasheet

ZOLTEK™ OX Scrim Fabric

Oxidized/Stabilized PAN Fiber (OPAN)

DESCRIPTION

ZOLTEK OX leno pattern scrims are produced from 100% ZOLTEK OX yarns and offer support in applications requiring additional strength and high temperature performance. Also used as the raw material for carbon scrim serving the composite industry. Available plain or with coating.

RECOMMENDED USE

Recommended use: Support in woven & nonwoven fabrics

MATERIAL OVERVIEW	SCRIM FABRIC - FS 06 x 3	
	SI	US
Areal Weight	67.8 g/m ²	2 oz/yd ²
Warp and Fill	Warp: 15.25/cm Fill: 9/cm	Warp: 6/in Fill: 3.5/in
Width	114 cm	45 in
Roll Length	114 m	125 yds
Yarn Input	1/10 Worsted Count	
Construction	Leno Weave	

FIBER PROPERTIES	
Density	1.36 g/cc min.
Diameter	12.5 μ
LOI	40%+
Color	Black
Resistivity	8x10 ⁸ ohms-cm

CHEMICAL COMPOSITION (%)	
Carbon Content	62
Nitrogen	21.5
Oxygen	12
Hydrogen	4.5
Sodium	< 0.1
Trace Metals	<0.01

CHEMICAL RESISTANCE	
Strong Acids	Good
Weak Acids	Excellent
Strong Bases	Poor
Weak Bases	Good
Organic Solvents	Excellent

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.

CERTIFICATION

ZOLTEK OX Scrim Fabrics are manufactured in accordance with ZOLTEK's written and published data. A Certificate of Conformance is provided with each shipment.

TYPICAL PACKAGING

ZOLTEK OX Scrim Fabrics are wound on cardboard tubes and sealed in plastic.

SAFETY

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

ZOLTEK™ OX

