

ZOLTEK™ OX SCRIM FABRIC

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: 2.5/in
Width	129 cm	26 in
Roll Length	45 m	39 yds
Yarn Input	1/10 Worsted Count	
Construction	Leno Weave	

FIBER PROPERTIES		CHEMICAL COMPOSITION (%)		CHEMICAL RESISTANCE	
Density	1.36 g/cc min.	Carbon Content	62	Strong Acids	Good
Diameter	12.5μ (1.7 dTex)	Nitrogen	21.5	Weak Acids	Excellent
LOI	40%+	Oxygen	12	Strong Bases	Poor
Color	Black	Hydrogen	4.5	Weak Bases	Good
Resistivity	8x10 ⁸ ohms-cm	Sodium	< 0.1	Organic Solvents	Excellent
		Trace Metals	< 0.01		

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

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

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.

SAFETY

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