AODISI

FIRE TECHNOLOGY

产品资料与销售咨询

PRODUCT DOCUMENTATION & SALES CONTACT

SAERTEX LEO ® COATED FABRIC - Technical Data Sheet-en

澳迪斯防火科技（廊坊）有限公司

Aodisi Fire Technology (Langfang) Co., Ltd.

销售及选型联系 / Sales & product enquiries

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以上为销售联系信息，不替代安全数据表中的应急联系电话。
原始技术内容及制造商、检测机构和证书签发信息见后续资料页。

Sales contact only; emergency contacts in safety data sheets remain applicable.
Original technical, manufacturer and certification details follow.

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SAERTEX LEO® COATED FABRIC

Fire Protection forComposite Materials

Description

SAERTEX LEO® COATED FABRIC is a glass fiber fabric with an integrated intumescent fire protection coating, which forms an insulating layer in the event of a fire. This combination of lightweight construction with integrated fire protection can be incorporated into any construction of a monolithic or sandwich composite structure in order to meet the highest fire protection requirements.



Areas of Application

- Rolling stock
- General industrial applications
- Battery safety

Delivery and Packaging

SAERTEX LEO® COATED FABRIC	
Thickness	0,8 mm–1,2 mm
Length	50 lfm
Width	1270 mm
Article Number	
	on request

Tech.Rev.: 1.0
Ling. Rev.: 1.0

SAERTEX LEO® COATED FABRIC

Technical Data

Article description (example)	Q-E-1933g/m2-1270mm LEO Coated		
Article construction (in accordance with EN 13473-1)	layer	construction	weight per unit area
	5	0°	319 g/m²
	4	45°	300 g/m²
	3	90°	307 g/m²
	2	-45°	300 g/m²
	1	LEO Coating	700 g/m²
	several standards available, more on request		
Resin systems	multicompatible with most standard EP resin systems, other on request		
Width (nominal)	1270 mm		
Processing	designed for use in closed molded applications (infusion, RTM, press molding etc.)		
Total tolerance	approx. 7.4 %		
Total area weight	1221–1933 g/m² depending on variant		
Start of reaction	approx. 150 °C		
Thermal conductivity	(infused plate) 0.588 W/(m·K)		
Approvals	on request		

Labelling (standard)	Every roll is equipped with a label in the core. A further label is located outside on the foil or on the box.
Packaging (standard)	Every roll is wound on a cardboard core and wrapped in foil. Further packaging options can be determined individually.
Storage recommendation	Protect from moisture and direct sunlight. To avoid problems with humidity and electrostatic charge, fabrics must be conditioned 24 hours prior to processing, independent of storage conditions.
Safety information	Consult the safety data sheet for further information.

SAERTEX® GmbH & Co. KG has been certified in accordance with ISO 9001:2015 and has been awarded the 2018 Eco-Profit Award.
The SAERTEX® GmbH & Co. KG has its own DNV GL certified laboratory.