

Technical Data Sheet

B9109

Fabric / Weefsel / Gewebe / Tejido / Tissu	100 % PES / 1100 dtex	
Total weight / Gewicht totaal / Totalgewicht / Peso total / Poids total	730 g/m ²	DIN EN ISO 2286/2 1998
Characteristics / Eigenschappen / Eigenschaften / Characteristics / Caractéristiques	ABUV / Antistatic	
Lacquering / Vernis / Lackierung / Lacado / Vernis	1/1	
Embossing / Kalander / Lackierung / Embossing / Calandre	Glossy	
Breaking strength Warp Treksterkte Ketting Höchstzugkraft Kette Resistencia a la ruptura Urdimbre Résistance rupture Chaîne	3000 N/5cm	EN ISO 1421/1 1998
Breaking strength Weft Treksterkte Inslag Höchstzugkraft Schuss Resistencia a la ruptura Trama Résistance rupture Trame	2800 N/5cm	EN ISO 1421/1 1998
Tear strength Warp Scheurweerstand Ketting Weiterreisskraft Kette Resistencia a la rasgadura Urdimbre Résistance à la déchirure Chaîne	300 N	DIN 53363 2003
Tear strength Weft Scheurweerstand Inslag Weiterreisskraft Schuss Resistencia a la rasgadura Trama Résistance à la déchirure Trame	300 N	DIN 53363 2003
Adhesion / Hechting / Haftung / Adherencia / Adhérence	90 N/5cm	EN ISO 2411 2000

"Biogas fabrics are intended to be installed only by registered and experienced manufacturers of biogas installations, who are aware of the specifications and the limitations of the materials used. Direct contact of inner lung material with the reactive fermentation mixtures should be avoided. For further technical information on the membranes and its compatibility, we refer to the technical staff of Sioen Industries."
*"This product may for certain colours contain substances (Lead Pigments) which fall under the Annex XIV of the Reach Regulation 1907/2006/CE.
 In order to know which colours fall under this annex, you can take contact with the technical department of Sioen Industries.
 Upon request those substances can be eliminated from the product."*

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Surface resistivity	< 5x10E9 Ohm	DIN 54345 T1
Oppervlakte weerstand		
Oberflächewiderstand		
Surface resistivity		
Surface résistivité		
Gas perméability	< 400 cm ³ /m ² .bar.d	DIN 53380
Gasperméabilité		
Gaspermeabilität		
Gas perméability		
Perméabilité au gaz		
Temperature resistance / Temperatuursbestendigheid / Temperatursbeständigkeit / Résistencia à la temperatura / Tenue à la température	-30/+70 °C	DIN EN 1876/2 1998
Light fastness (Except white and (half-)transparent)	7-8	ISO 105 B02 1988
Lichtechtheid (Uitgezonderd wit en (half-)transparent)		
Lichtechtheit (Ausnahme weiss und (semi-)transparent)		
Resistencia a la luz (Excepto blanco / (semi-)transparente)		
Tenue à la lumière (Excepté en blanc et (semi-)transparent)		
Fire behavior / Brandgedrag / Brennverhalten / Fire behavior / Réaction au feu	B1	DIN 4102 1981
Fire behavior / Brandgedrag / Brennverhalten / Fire behavior / Reaction au feu	M2	NF P 92 507 2004
Application Agriculture/BiogasInstallation		

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