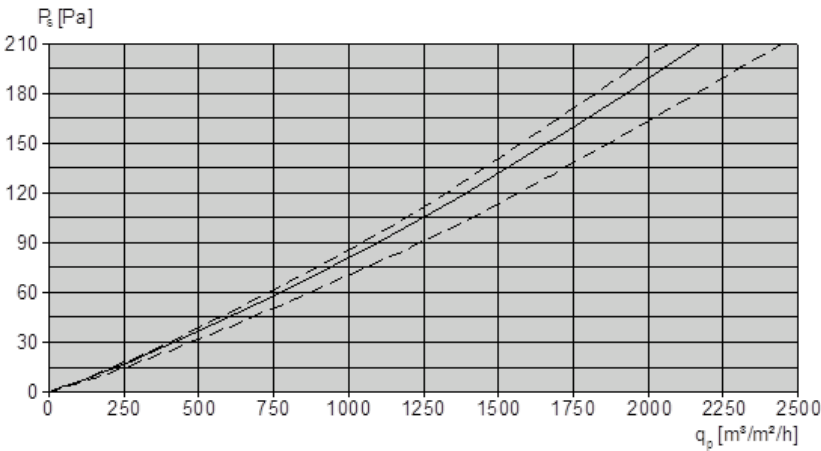




Material Datasheet 7

KE no.		GW1380		
Material		High Dust Capacity polyester fabric		
Construction		Heat-set, shrinkage- and permeability-stabilised		
Weight	g/m ²	340	(%) -/+5	EN-ISO 5077
Thickness	mm	0.6	(%) -/+10	EN-ISO 12127:1997
Permeability	m ³ /m ² /h/120 Pa	1380	(%) -11/+14	EN-ISO 9237:1995
Tensile strength	Warp/Weft N	2800 / 1000	(%) -/+10	EN-ISO 13934-1
Resistance to tearing	Warp/Weft N	144 / 138	(%) -/+10	EN-ISO 13937:2
*Filter class		M6		EN 779:2012
*Dust holding capacity	g (250/350/450 Pa)	11/19/28		EN 779:2012
**Shrinkage in wash	% at 40°C	0.5		EN-ISO 5077
Operating temperature max./min.	°C	80/-45		
Spontaneous ignition temperature	°C	508		
Water absorption	% at 90% RH	0.4		
Electrostatic resistance	Ohm	≤2 x 10 ¹⁰		DIN 54345-1
Clean room classification		N/A		ISO-14644-1
Fire resistance		B-S1-d0 Yes		EN-13501 UL 2518 NFPA 90 A
Melting point	°C	254		
Resistance to aging		Excellent		
Resistance to vibrations, motion		Excellent		
Resistance to solvents		Excellent		
Resistance to acids		Good		
Resistance to bases		Medium		
Resistance to oxidants, light, etc.		Excellent		
Oeko-Tex®		Approved		Standard 100
Cradle to Cradle®		The GreenWeave material is Cradle to Cradle certified		



Quality grades: Excellent - Good - Medium - Less good - Not recommended

*KE measurement **Washed and dried according to KE Fibertec instructions

This document and all information thereon is the property of KE Fibertec AS. It must not be copied, imparted to a third party or used for any other purpose without the written consent of KE Fibertec AS.

12/2024

