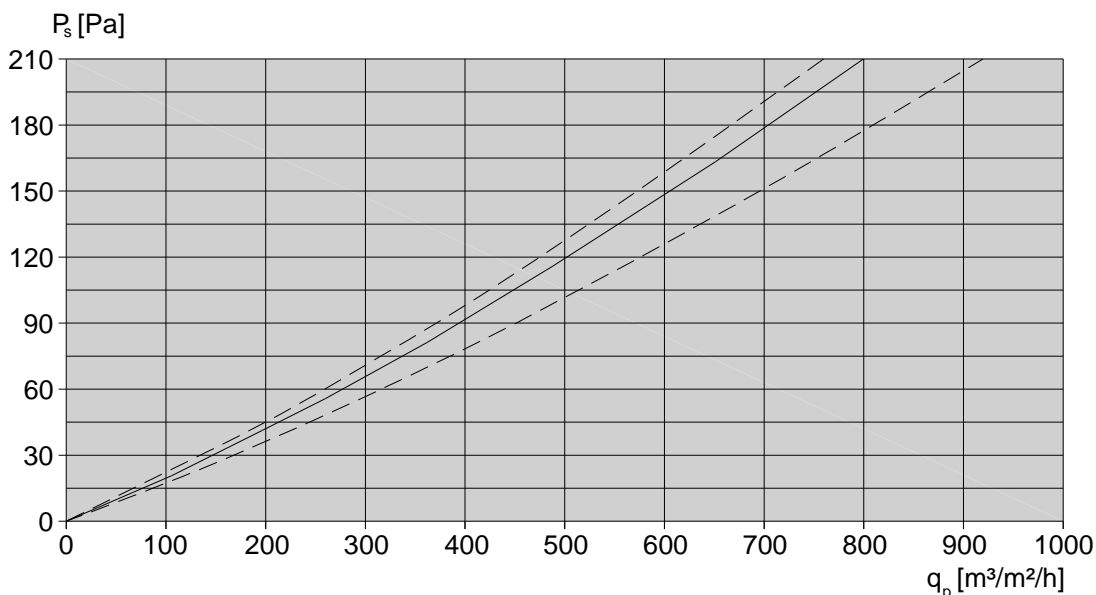


MATERIAL DATASHEET 5

KE-no.:	GW500			
Construction:	High Dust Capacity polyester fabric			
Final treatment:	Heat-set, shrinkage- and permeability-stabilized			
Weight	g/m ² :	290		(%) - 5/+ 5
Thickness	mm:	0.65		(%) - 10/+10
Tensile strength warp/weft	N/50 mm:	2800	/ 900	(%) - 10/+10
Resistance to tearing warp/weft	N:	180	/ 140	(%) - 10/+10
Permeability	m ³ /m ² /h:	500 at 120 Pa		(%) - 6/+15
Retention grade	:	F5 (*)		
Shrinkage in wash	%:	< 0.5 (**)		
Fire resistance	:	Flame retardant		
Melting point	°C:	254		
Spontaneous ignition temperature	°C:	508		
Water absorption (in standard climate)	%:	0.40		
Electrostatic resistance	Ohm/cm:	2 x 10 ¹⁰		
Operating temperature max./min. (peak)	°C:	+60/-45 (peak: 80)		
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.	:	Særdeles god		



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

Comments: (*) Recomm. KE-measurement • (**) Washed and dried acc. to KE Fibertec instruction

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.

Data are subject to alterations.