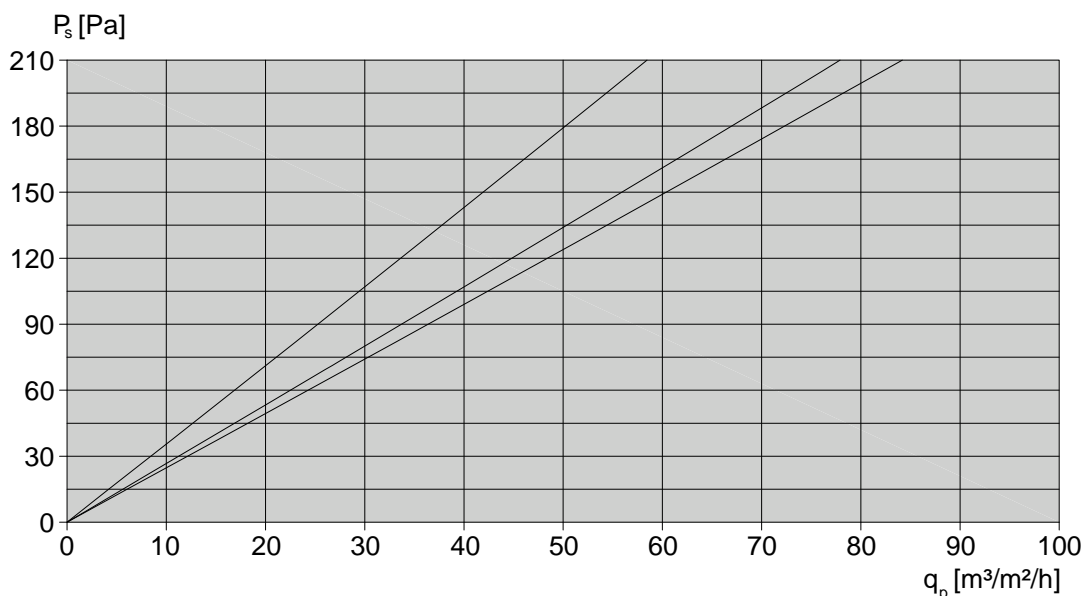


## MATERIAL DATASHEET 1

KE-no.:	GW50		
Construction:	High Dust Capacity polyester fabric		
Final treatment:	Heat-set, shrinkage- and permeability-stabilized		
Weight	g/m <sup>2</sup> :	400	(%) - 5/+ 5
Thickness	mm:	0.70	(%) -10/+10
Tensile strength warp/weft	N/50 mm:	2600 / 2100	(%) -10/+10
Resistance to tearing warp/weft	N:	100 / 100	(%) -10/+10
Permeability	m <sup>3</sup> /m <sup>2</sup> /h:	50 at 120 Pa	(%) -25/+8
Retention grade	:	F7 (*)	
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 <sup>10</sup>	
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.	:	Excellent	



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

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

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Data are subject to alterations.