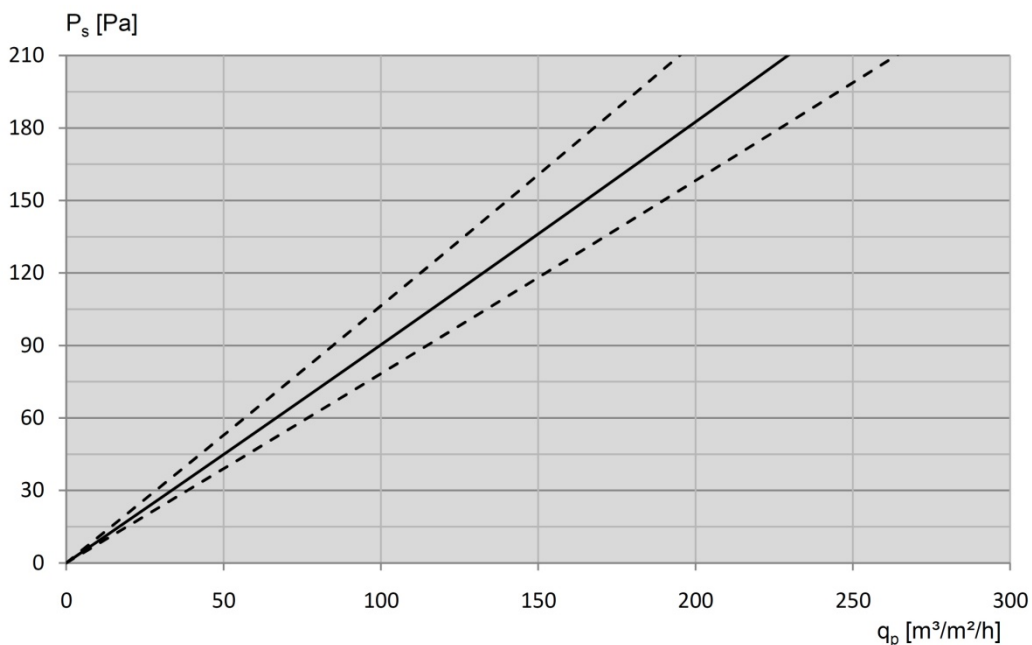


# NOMEX

## MATERIAL DATASHEET 33

KE-no.:	N0130		
Construction:	Nomex fabric		
Final treatment:	Heat-set		
Weight	g/m <sup>2</sup> :	298	(%) -5/+5
Thickness	mm:	0.44	(%) -10/+10
Tensile strength warp/weft	N/50 mm:	>1300 / 1400	(%) -10/+10
Resistance to tearing warp/weft	N:	170 / 170	(%) -10/+10
Permeability	m <sup>3</sup> /m <sup>2</sup> /h:	130 at 120 Pa	(%) -9/+9
Retention grade	:	F5 (*)	
Shrinkage in wash	%:	-	
Fire resistance	:	Flame retardant	
Melting point	°C:	371	
Spontaneous ignition temperature	°C:	-	
Water absorption (in standard climate)	%:	5	
Electrostatic resistance	Ohm/cm:	3 x 10 <sup>8</sup>	
Operating temperature max./min. (peak)	°C:	+80/-40 (peak: 100)	
Resistance to aging	:	Excellent	
Resistance to vibrations, motion	:	Excellent	
Resistance to solvents	:	Excellent	
Resistance to acids	:	Not recommended	
Resistance to bases	:	Good	
Resistance to oxidants, light, etc.	:	Good	



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.