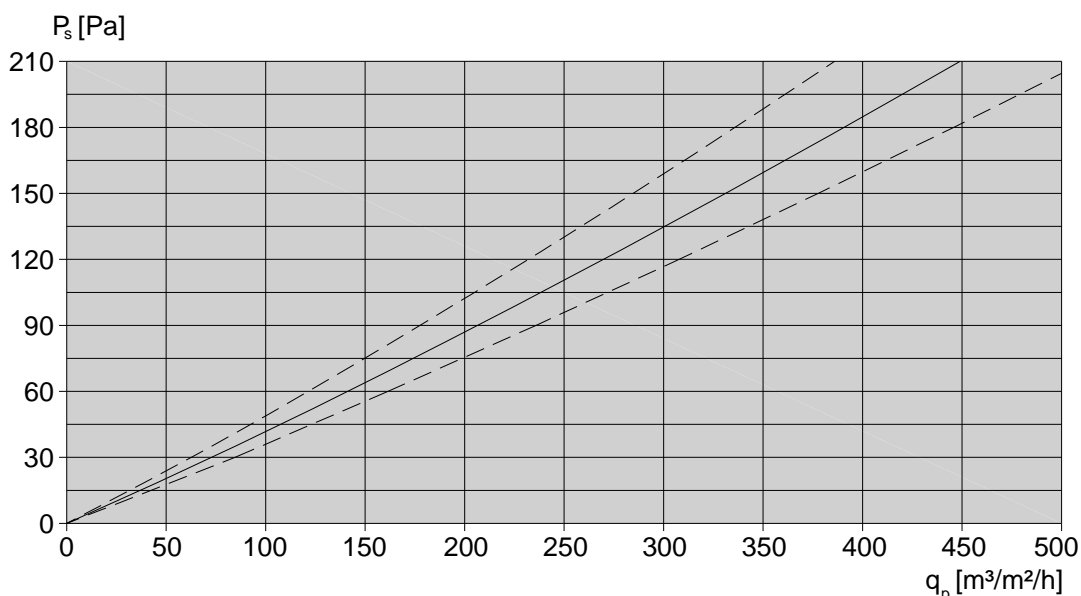


NOMEX

MATERIAL DATASHEET 16

KE-no.:	N0290		
Construction:	Nomex fabric		
Final treatment:	Heat-set		
Weight	g/m ² :	250	(%) -10/+10
Thickness	mm:	0.55	(%) -10/+10
Tensile strength warp/weft	N/50 mm:	1600 / 1300	(%) -10/+10
Resistance to tearing warp/weft	N:	120 / 110	(%) -10/+10
Permeability	m ³ /m ² /h:	290 at 120 Pa	(%) -14/+14
Retention grade	:	F6 (*)	
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 ⁸	
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.