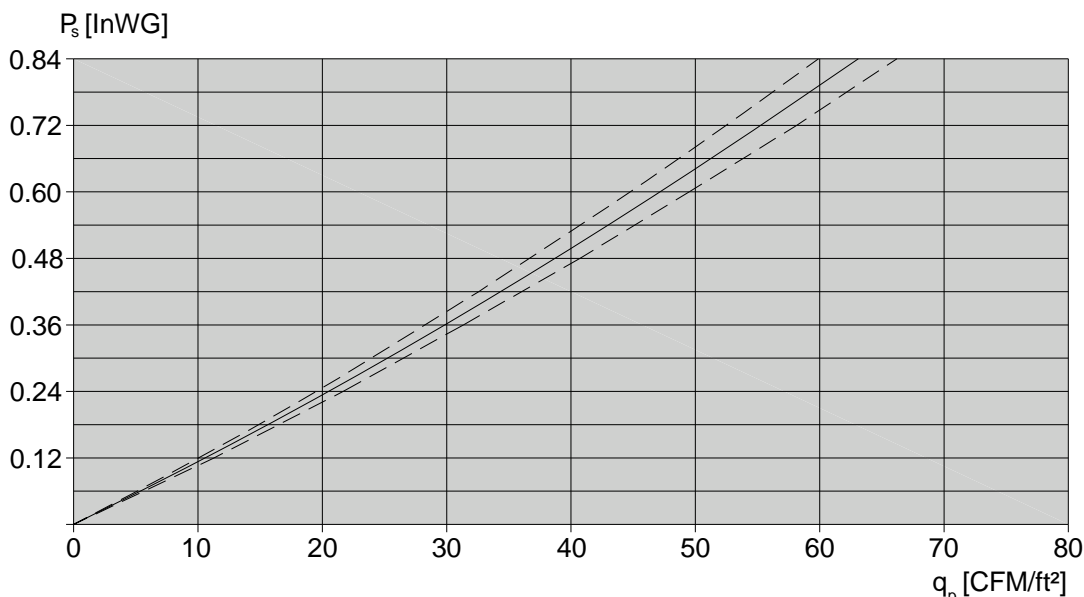


NOMEX

MATERIAL DATASHEET 19

KE-no.:	N038		
Construction:	Nomex fabric		
Final treatment:	Heat-set		
Weight	oz/yd ² :	6.2	(%) -10/+10
Thickness	mil:	20	(%) -10/+10
Tensile strength warp/weft	lb _f /in:	194 / 100	(%) -10/+10
Resistance to tearing warp/weft	lb _f :	34 / 31	(%) -10/+10
Permeability	CFM/ft ² :	38 at 0.5 inWG	(%) -5 / +5
Retention grade	:	F5 (*)	
Shrinkage in wash	%:	-	
Fire resistance	:	Flame retardant	
Melting point	°F:	700	
Spontaneous ignition temperature	°F:	-	
Water absorption (in standard climate)	%:	5.00	
Electrostatic resistance	Ohm/cm:	3 x 10 ⁸	
Operating temperature max./min. (peak)	°F:	+176/-40 (peak: 212)	
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.