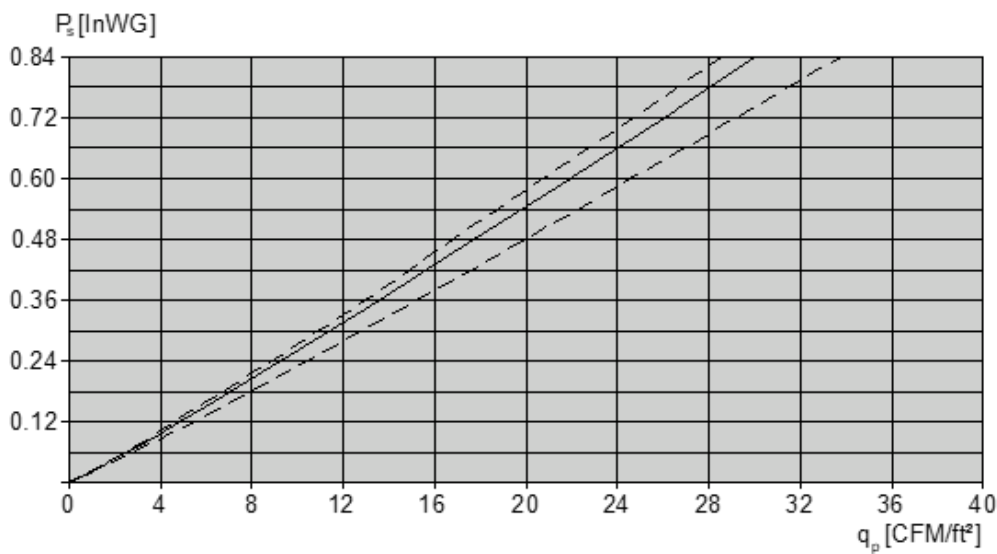




Material Datasheet 44

KE no.	MW18		
Material	High Tenacity Polyester fabric		
Construction	Heat-set, shrinkage- and porosity-stabilized		
Weight	oz/yd²	6.8	(%) -/+5
Thickness	mil	16	(%) -/+10
Tensile strength	Warp/Weft lb_f	517 / 315	(%) -/+10
Resistance to tearing	Warp/Weft lb_f	45 / 36	(%) -/+10
Porosity	CFM/ft²	18 at 0.5 inWG	(%) -6/+15
Filter class	G2 (*)		
Shrinkage in wash	%	<0.5 (**)	
Fire resistance	Flame retardant		UL 723 NFPA 90 A
Melting point	°F	489	
Spontaneous ignition temperature	°F	946	
Water absorption (in standard climate)	%	0.4	
Electrostatic resistance	Ohm	≤ 2 x 10 ¹⁰	
Operating temperature max./min. (peak)	°F	+140/-49 (peak: 176)	
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		
Oeko-Tex®	Approved		Standard 100
Cradle to Cradle®	Certified		



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

*Recomm. KE measurement **Washed and dried according to KE Fibertec instructions

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