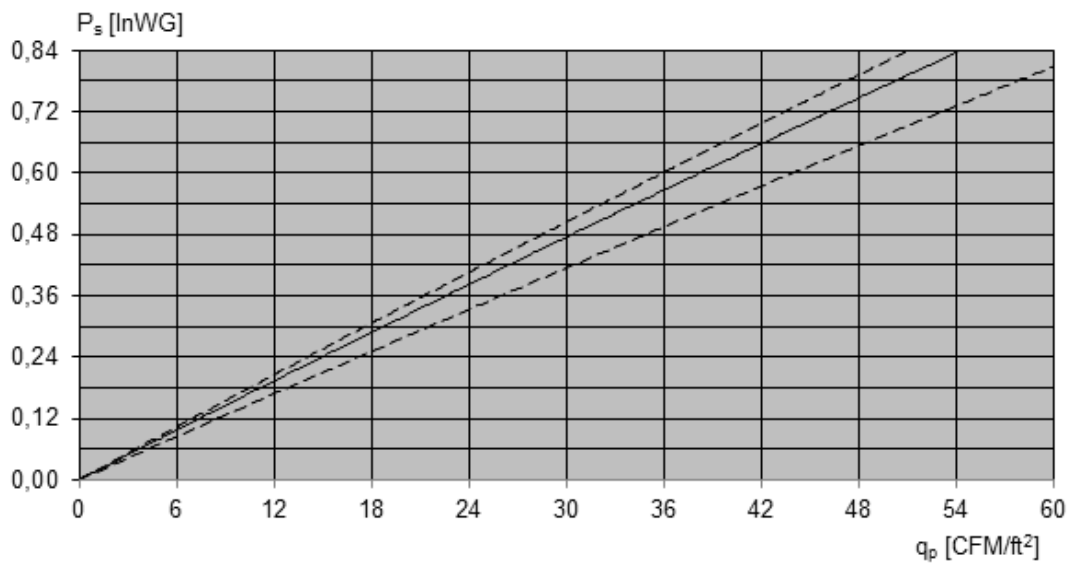




Material Datasheet 45

KE no.	MW33		
Material	High Tenacity Polyester fabric		
Construction	Heat-set, shrinkage- and porosity-stabilized		
Weight	oz/yd²	6.8	(%) -/+5
Thickness	mil	17	(%) -/+10
Tensile strength	Warp/Weft lb_f	540 / 281	(%) -/+10
Resistance to tearing	Warp/Weft lb_f	47 / 40	(%) -/+10
Porosity	CFM/ft²	33 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

This document and all information thereon is the property of KE Fibertec AS. It must not be copied, imparted to a third party or used for any other purpose without the written consent of KE Fibertec AS.

