

Material Datasheet

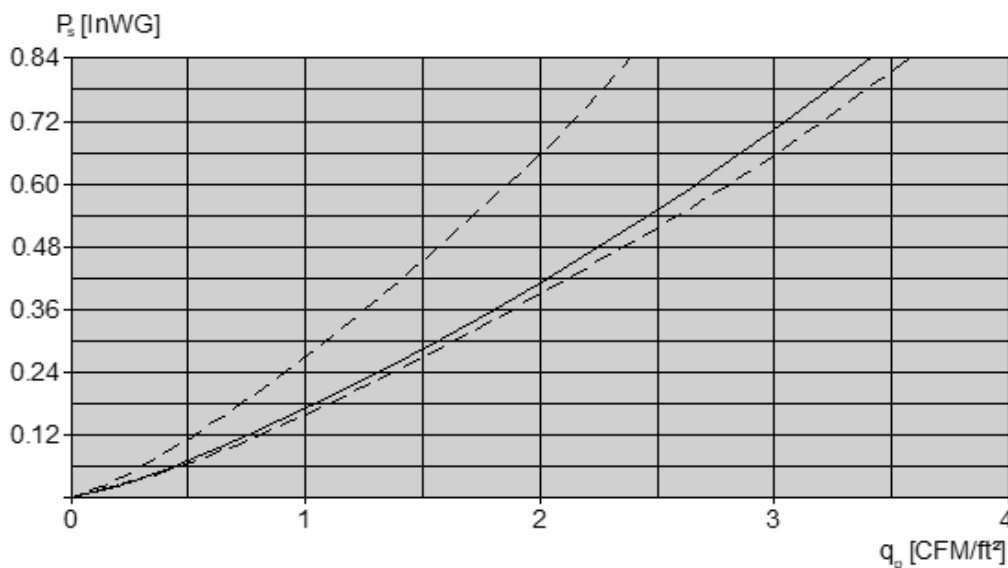
MultiWeave

Antimicrobial



Material Datasheet 42

KE no.	MW2A		
Material	High Tenacity Polyester fabric - antimicrobially treated		
Construction	Heat-set, shrinkage- and porosity-stabilized		
Weight	oz/yd²	8.0	(%) -/+5
Thickness	mil.	20	(%) -/+10
Tensile strength warp/weft	lb_f/in	194 / 320	(%) -/+10
Resistance to tearing	lb_f	29 / 34	(%) -/+10
Porosity	CFM/ft²	2 at 0.5 inWG	(%) -30/+8
Filter class		G2 (*)	
Shrinkage in wash	%	<0.5 (**)	
Fire resistance		Flame retardent	
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	



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.

