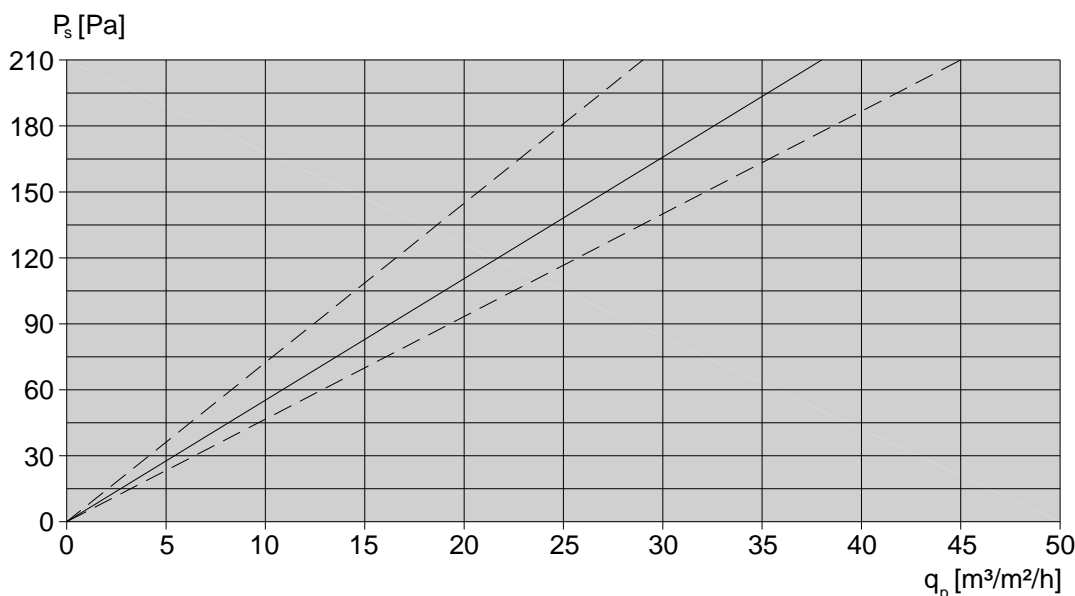


MULTIWEAVE®

MATERIAL DATASHEET 40

KE-no.:	MW20		
Construction:	High Tenacity polyester fabric		
Final treatment:	Heat-set, shrinkage- and permeability-stabilized		
Weight	g/m ² :	280	(%) - 5/+ 5
Thickness	mm:	0.50	(%) -10/+10
Tensile strength warp/weft	N/50 mm:	>3100 / >1800	(%) -10/+10
Resistance to tearing warp/weft	N:	150 / 130	(%) -10/+10
Permeability	m ³ /m ² /h:	20 at 120 Pa	(%) -20/+25
Retention grade	:	F7 (*)	
Shrinkage in wash	%:	< 0.5 (**)	
Fire resistance	:	Flame retardant	
Melting point	°C:	254	
Spontaneous ignition temperature	°C:	508	
Water absorption (in standard climate)	%:	0.40	
Electrostatic resistance	Ohm/cm:	2 x 10 ¹⁰	
Operating temperature max./min. (peak)	°C:	+60/-45 (peak: 80)	
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

Comments: (*) Recomm. KE-measurement • (**) Washed and dried acc. to KE Fibertec instruction

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Data are subject to alterations.