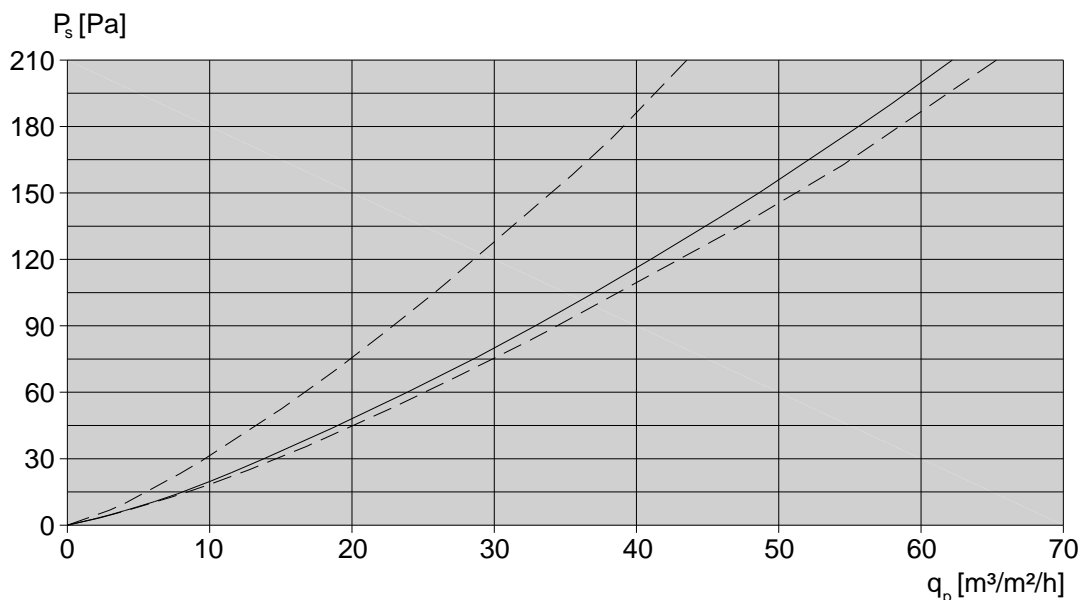


MULTIWEAVE®

MATERIAL DATASHEET 41

KE-no.:	MW40			
Construction:	High Tenacity polyester fabric			
Final treatment:	Heat-set, shrinkage- and permeability-stabilized			
Weight	g/m ² :	277		(%) - 5/+ 5
Thickness	mm:	0.50		(%) -10/+10
Tensile strength warp/weft	N/50 mm:	>1700	/ >2800	(%) -10/+10
Resistance to tearing warp/weft	N:	130	/ 150	(%) -10/+10
Permeability	m ³ /m ² /h:	40 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.