

Filter medium technical data sheet

POLYESTER M.43J

Application : DUST COLLECTION

PHYSICAL PROPERTIES

Fibre composition	100% PES
Colour	WHITE
Hardening	SPUNBOND
Special coatings	NONE
Weight (DIN 53854)	260 gr/m ²
Thickness (DIN 53885/1)	0,54 mm
Fiber size	1,2-2,7 Denier
Elongation MD	18,6 %
Elongation CD	24,8 %
Tensile strength MD	512,4 N
Tensile strength CD	518,3 N
Tear strength MD	386,7 N
Tear strength CD	358,2 N
Thermal shrinkage MD	0,67 %
Thermal shrinkage CD	0,32 %
Mullen burst	25 kg/cm ²
Air Permeability (at 200 Pa)	490 m ³ /m ² /h
Max working temperature	120 °C
Filter class according to IFA (BGIA)	M
Efficiency for 0,3μ	49 %
Surface conductivity (Ω)	

Applications	Fair	Good	Excellent
Oleo/hydrophobic	X		
Acid resistance		X	
Alkaline resistance	X		
Dust release		X	

Test methods are in conformity with "Internal Methods" of paper manufacturer. Data are taken from typical production cycles and must be considered as typical and for information purpose only. All specifications are subject to changes, without any preventive advices.

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