

Technical data sheet



JX181-B-PTFE MEMBRANE

SPECIFICATIONS

Description

Filter material	100% Polyester
Construction	BICO spunbonded + Thermally bonded PTFE membrane

Physical Properties	Unit Metric	Values	Tolerance
Air permeability	m ³ /m ² /h @ 200 Pa	170	±30%
Basis weight	g/m ²	170	±12
Thickness	mm	0,47	±0,04
Elongation MD	%	30	±15
Elongation CD	%	30	±15
Tensile Strength MD	N/5 cm	700	±20%
Tensile Strength CD	N/5 cm	550	±20%
Tear Strength MD	N	60	±40%
Tear Strength CD	N	40	±40%
Thermal Shrinkage MD	%	2,5	±1,5
Thermal Shrinkage CD	%	1,0	±0,5
Temperature Resistance	°C	120	
Filter Test	BIA / EN1822:2009	M / E12	

Resistance

Oleo/Hydrophobic	Very Good
Acid Resistance	Excellent
Alkaline Resistance	Excellent
Dust Release	Excellent

Any disclosed physical or chemical properties of JP Air Tech products and their measured values are supplied as a courtesy technical service. These properties/values are not contractually binding; rather, they represent average values obtained in accordance with accepted test methods at the time of manufacture and are subject to normal manufacturing variations.