

# Technical data sheet



## JX180ALU-B-NANO-9

### SPECIFICATIONS

#### Description

Filter material	100% Polyester
Construction	BICO spunbonded
Treatment	Nanofiber coating + ALU coating

Physical Properties	Unit Metric	Values	Tolerance
Air permeability	m <sup>3</sup> /m <sup>2</sup> /h @ 200 Pa	900	±30%
Basis weight	g/m <sup>2</sup>	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 / EN779:2012	M / F9	

#### Resistance

Oleo/Hydrophobic	Good
Acid Resistance	Very Good
Alkaline Resistance	Very Good
Dust Release	Very Good
Conductivity	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.