

# Technical data sheet



## JX180-B-NANO-9

### SPECIFICATIONS

#### Description

Filter material	100% Polyester
Construction	BICO spunbonded
Treatment	Nanofiber 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

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