

Technical Data Sheet

SmoothAIR™

Material Description: Glass - Synthetic Composite
Application: Air Filtration
Filter Class (EN 1822): H14 @ 2.5 cm/s
Grade : AH0044

Parameter	Units	Target	Test Method
Basis Weight	g / m ²	77	ISO 536:2012-07*
Thickness @ 0.5 kPa	mm	0,5	DIN EN ISO 9073-2:1997-02*
DEHS Retention @ MPPS, 2.5 cm/s	%	99,999	internal method BiTP09
Pressure Drop @ 5.3 cm/s	Pa	420	internal method BiTP09
Air Permeability @ 200 Pa	l / m ² s	25	ISO 9237:1995-06*
Tensile Strength, MD	N / 50 mm	75	DIN EN ISO 29073-3:1992-08*
Tensile Strength, CD	N / 50 mm	40	DIN EN ISO 29073-3:1992-08*
Ignition Loss	%	18	ISO 2144*
Water Repellency	Pa	5000	internal method BiTP10

*referring to standard

Above data are referring to flat sheet filter media.

All data and statements concerning this product may be considered being indicative of representative properties and characteristics obtainable. Since industry practices vary, we make no warranty express or implied, concerning their use, nor do we accept any responsibility.

Issued: 2018-01-12