

JF150 Synthetic Media CP413, BS5588 Part 9



PROPERTIES	UNIT	Own method based on :	R&D INFORMATION NO SPECIFICATION																											
Composition			100 % polyester fibers																											
Bonding			Thermally bonded by means of bicomponent fibres and calibrated to a certain thickness																											
Flammability		DIN 53438	K1 / F1																											
ökotex 100 CLASS I			CONFORM																											
Initial pressure drop		EN 779	<table border="1"> <caption>Initial pressure drop data</caption> <thead> <tr> <th>Air flow (m³/h)</th> <th>Pressure drop (Pa)</th> </tr> </thead> <tbody> <tr><td>0</td><td>0</td></tr> <tr><td>500</td><td>10</td></tr> <tr><td>1000</td><td>18</td></tr> <tr><td>1500</td><td>25</td></tr> <tr><td>2000</td><td>38</td></tr> <tr><td>2500</td><td>48</td></tr> <tr><td>3000</td><td>60</td></tr> </tbody> </table>	Air flow (m³/h)	Pressure drop (Pa)	0	0	500	10	1000	18	1500	25	2000	38	2500	48	3000	60											
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Initial pressure drop	Pa		35 Pa																											
Recommended final pressure drop	Pa		250 Pa																											
Media velocity	m/s		1.5 m/s																											
Initial arrestance	%		77.70%																											
Average arrestance	%		87.50%																											
Dust holding capacity	g/m ²		400 g/m ²																											
Filter Class acc. To EN779:2012			G3																											
Thermal stability			100°C (briefly up to 120°C)																											
ROLL DIMENSIONS																														
Thickness	mm	ISO 9073-2	10 mm																											
Standard Dimension	m		1 x 2 m																											
APPLICATION																														
general prefilter for HVAC and kitchenhoods																														