

Microglass filter media

HEPA H14 1,7

HEPH1401

Application

Air Filtration

Characteristics:

This filter media is manufactured from an advanced blend of borosilicate microglass fibers and acrylic resins.

Suitable for deep-pleat and mini-pleat applications

HEPH1401

Physical properties	Units	MIN	STD	MAX	Test Method
					CONDITIONS 23 ± 2 °C - 50% ± 5 U.R
Grammage	gr/m ²	72,0	75,0	78,0	TAPPI T410
	lb/3000ft ²	44,2	46,1	47,9	
Thickness	mm	0,400	0,450	0,500	Internal Method
	mils	15,7	17,7	19,7	
Pressure Drop	mm H ₂ O		32,5	34,5	@ 5.32 cm/sec
	Pa		319	338	
MPPS Efficiency	%	99,995			EN1822 @ 1,7 cm/sec
Tensile MD	kN/m	0,80	1,20		TAPPI T494
	gr/inch.	2.044	3.067		
	Kg/15 mm	1,22	1,84		
Tensile MD After Fold	kN/m	0,57	0,80		Internal Method
	gr/inch.	1.457	2.044		
	Kg/15 mm	0,87	1,22		
Elongation MD	%	1,0	1,2		TAPPI T494
Stiffness MD	mg	900	1000		TAPPI T543
Water Repellency	mm	400	700		Mil Std 282 (Q-101)
	inches	16	28		
Loss of Ignition	%		6,0	8,0	† 30' - T 520 °C
Yield	m ² /Kg	13,9	13,3	12,8	Internal Method
	ft ² /lb	67,8	65,1	62,6	

The above data are referring to the flat sheet filter media. Final filter characteristics will depend on parameters and filter design used.

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