



## Air Filtration - ASHRAE

High performance ASHRAE media composed of borosilicate microfibers with acrylic resin binder. Designed to be processed in both mini-pleat and/or deep-pleat applications.

		Target	Range	Test Method
CLASSIFICATION(S):	ASHRAE 52.2	MERV 13		
BASIS WEIGHT: (as is)	(g/m <sup>2</sup> )	68	63 - 73	TAPPI T410
	(lb/3,000ft <sup>2</sup> )	42	39 - 45	
THICKNESS: (2 kPa / 0.29 psi)	(mm)	0.4		ASTM D-2986 (5.3cm/sec (10.5 FPM) face velocity)
	(in)	0.016		
AIR FLOW RESISTANCE:	(Pa)	26		(05"/12.7mm WG) TAPPI T251
	mm WG	2.7		
AIR PERMEABILITY:	(l/m <sup>2</sup> /sec)	416	376 min	ASTM D-2986 T100 (5.3cm/sec (10.5 FPM) face velocity)
	(ft <sup>3</sup> /min/ft <sup>2</sup> )	52	47 min	
PENETRATION:	(% 0.3 μm DOP)	50	55 max	TAPPI T494
TENSILE STRENGTH - MD:	(kN/m)	1.2	0.8 min	TAPPI T494
	(lbs/inch)	7.0	4.5 min	
TENSILE STRENGTH - CD:	(kN/m)	0.5	0.3 min	TAPPI T543
	(lbs/inch)	3.0	1.7 min	
GURLEY STIFFNESS - MD:	(mg)	1000	700 min	TAPPI T413
IGNITION LOSS:	(%)	6	4.5 - 8.0	MIL-STD-282 Method 603.1
WATER REPELLENCY:	(kPa)	4.5	2 min	
	(Inches of H <sub>2</sub> O)	18	8 min	