



Air Filtration - ASHRAE

High performance, dual phase 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 15 (95%)		
BASIS WEIGHT:	(g/m ²)	78	71-85	TAPPI T410
	(lb/3,000ft ²)	48	44-52	
THICKNESS:	(mm)	0.43	N/A	TAPPI T411 - 50kPa / 7.3psi
	(in)	0.017	N/A	
AIRFLOW RESISTANCE:	mm WG	6.5	N/A	ASTM D-2986
	Pa	64	N/A	(5.3cm/sec (10.5 FPM) face velocity)
AIR PERMEABILITY:	(l/m ² /sec)	171	147 min	(05"/12.7mm WG) TAPPI T251
	(ft ³ /min/ft ²)	21	18 min	
DOP PENETRATION:	(%)	26	30 max	T100 (5.3cm/sec (10.5 FPM) face velocity)
				ASTM D-2986
TENSILE STRENGTH - MD:	(kN/m)	1.75	.88 min	TAPPI T494
	(lbs/inch)	10	5.0 min	
TENSILE STRENGTH - CD:	(kN/m)	0.7	0.35 min	TAPPI T494
	(lbs/inch)	4	2 min	
GURLEY STIFFNESS - MD:	(gu)	1200	900 min	TAPPI T543
IGNITION LOSS:	(%)	8	6.5 - 9.5	TAPPI T413
WATER REPELLENCY:	(inches H ₂ O)	10	6 min	MIL-STD-282 Method 603.1
	(kPa)	2.5	1.5 min	