


HiPerm® Plus - HEPA Filter Media

Low resistance HEPA filter medium composed of borosilicate microfibers with an acrylic resin binder. Designed to be processed in minipleat applications.

		Target	Specification	Test Method
CLASSIFICATION(S):				
BASIS WEIGHT:	(g/m ²)	75	71 - 79	BS EN ISO 536
	(lb/3,000ft ²)	46		
THICKNESS:	(mm)	0.56		2kPa pressure
	(mil)	22		
PENETRATION:	(% with 0.3 micron)	5.0	8.0 max	TSI 3160 MPPS , 5.3cm/s (10.5 fpm) face velocity
AIR FLOW RESISTANCE:	(Pa)	115	100 - 130	5.3 cm/sec (10.5FPM) face velocity
	(inches H ₂ O)	0.46		
TENSILE STRENGTH - MD:	(lb/inch)	7.42		
	(kN/m)	1.3	0.90 min	Internal
TENSILE STRENGTH - CD:	(lb/inch)	3.99		
	(kN/m)	0.7	0.45 min	Internal
GURLEY STIFFNESS - MD:	(gu)	1000		TAPPI T543
IGNITION LOSS:	(%)	7.5	6.0 - 9.0	550°
WATER REPELLENCY:	(kPa)	5.0	2.5 min	BS EN 20811:1992. 1 kPa/min
	(inches H ₂ O)	20.07		
FLAMMABILITY DATA:	NF P 92-503 (1995)	Not tested	M1	
	UL			