

# Technical Data Sheet



Date 25/01/12

Grade: HB 5773 HiPerm® Plus

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

**CLASSIFICATION(S):** EN1822 H14 @ 2.5 cm/s

Test Description	Units	Target	Specification	Test condition
BASIS WEIGHT:	g/m <sup>2</sup>	78	73 - 83	
THICKNESS	mm	0.52		2 kPa pressure
AIRFLOW RESISTANCE	Pa	405	370 - 440	5.33 cm/sec
PENETRATION	%	0.0006	.0038 max	2.5 cm/sec .16um
TENSILE STRENGTH MD:	kN/m	1.50	0.90 min	
TENSILE STRENGTH CD:	kN/m	0.60	.45 min	
GURLEY STIFFNESS MD:	gu	1050	700 - 1400	
IGNITION LOSS:	%	5.4	3.8 - 7.0	
WATER REPELLENCY:	kPa	7.5	5.0 min	1 kPa / min
FLAMMABILITY DATA:			M1	NF P 92-503 (1995)

Actual filtration performance, i.e. efficiency and dust holding capacity, will vary depending upon filter design parameters and the normal variation of the media properties consistent with the specification range. We continuously strive to define our products and hence the specifications are subject to change.



Hollingsworth & Vose Company

Engineered Papers & Nonwovens – Established 1843

[www.hollingsworth-vose.com](http://www.hollingsworth-vose.com)

Hollingsworth & Vose Ltd. Postlip Mill, Winchcombe, GL54 5BB U.K.

tel +44(0)1242 602227

fax +44(0)1242 604099