

The World of Bookbinding.



Technical Data Sheet

TYVEK Hardstructure 1057D

	Target value (99.7 % range)			Unit	Test method
	Nominal	Min.	Max.		
Weight	41,5	39,0	44,0	gsm	DIN EN ISO 536 (96) *1
Thickness	145	80	215	µm	DIN EN 20534 (93) *2
Delamination (MD)	1,6	1,2	2,0	N/2,54cm	ASTM D2724-87 *3
Opacity	96,0	94,0	98,0	%	ISO 2471 *4
Tensile elongation (MD)	140	120 (14)	160 (30)	N/2,54cm %	DIN EN 1924-2 *5
Tensile elongation (CD)	145	120 (15)	170 (30)	N/2,54cm %	DIN EN 1924-2 *5
Burst strength	830	700	940,0	kPa	ISO 2758
Tear resistance Elmendorf (MD)	235	210	260	N	DIN EN 21974
Tear resistance Elmendorf (CD)	1480	1200	1700	N	DIN EN 21974
Air permeability Gurley	0,40	0,25	0,55	s	ISO 5636/5
Air permeability Bendtsen	670	50	1300	ml/min	ISO 5636/3 *6

Remarks:

*1 Sample size 100 cm²

*2 Surface 2 cm², pressure 100 kPa

*3 Adapted to speed, size and length

*4 Adapted to backing standard, measuring area and illumination

*5 Adapted to speed and measuring length

*6 Pressure = 1,5 kPa, Area = 10 cm²

These specifications do not release the user from his obligation to testing, particularly with respect to interaction between release paper, adhesive and face materials during manufacturing and aging.