

Tyvek® 1056D

Properties:	Test Method:	Tyvek® 1056D
Basis weight (oz/yd ²)	ASTM D3776 a	1.60
Thickness (mils)	ASTM D1777 b	6.3
Sigma range (+/- 4)	n/a	7.7/4.8
Tensile strength (lb/in) -md -cd	ASTM D5035 c ASTM D5035 c	24.2 27.9
Elongation (%) -md -cd	ASTM D5035 ASTM D5035	15 29
Work to break (in- lb) -md -cd	ASTM D5035 ASTM D5035	11 17
Elmendorf tear (lb) -md -cd	ASTM D1424 ASTM D1922	1.14 1.06
Opacity (%)	TAPPI T425	98.0
Delamination/ Internal bond strength (lb/in)	ASTM D2724	0.25
Gurley hill porosity (seconds)	TAPPI T460 ASTM D276 d	21
Parker smoothness (microns)	TAPPI 555	4.0
Treatment		

-corona	n/a	yes
-antistat	n/a	yes
Additional processing	n/a	n/a

NOTES: All properties are typical values based on roll averages. Contact DuPont to verify that properties listed meet your specific application. MD=Machine Direction CD=Cross Direction For all styles with antistat, the log of the electrical resistivity has a maximum roll average of 9.8 ohms/square (at 55% relative humidity, smooth and rough side). Values are based on preliminary specifications.

(a) Modified for specimen size.

(b) 7.15 psi, 0.625 inch diameter presser foot.

(c) Cut strip; CRE tensile tester, crosshead speed of 2 in/min and gauge length of 5 inches.

(d) 1.0in² orifice size at 20 ounce cylinder weight.