

Tyvek® 1073D

Properties:	Test Method:	Tyvek® 1073D
Basis weight (oz/yd ²)	ASTM D3776 a	2.20
Thickness (mils)	ASTM D1777 b	7.5
Sigma range (+/- 4)	n/a	8.8/6.2
Tensile strength (lb/in) -md -cd	ASTM D5035 c ASTM D5035 c	41.7 47.1
Elongation (%) -md -cd	ASTM D5035 ASTM D5035	20 24
Work to break (in-lb) -md -cd	ASTM D5035 ASTM D5035	24 34
Elmendorf tear (lb) -md -cd	ASTM D1424 ASTM D1922	0.92 0.88
Opacity (%)	TAPPI T425	95.1
Delamination/ Internal bond strength (lb/in)	ASTM D2724	0.42
Gurley hill porosity (seconds)	TAPPI T460 ASTM D276 d	23
Parker smoothness (microns)	TAPPI 555	4.7
Treatment -corona -antistat	n/a n/a	yes 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.