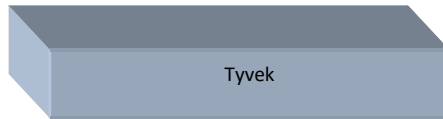




# DATA SHEET:DUPONT TYVEK



## Typical Application:

Tyvek spun bonded olefin is manufactured from very fine continuous filaments of high-density polyethylene (HDPE) bonded together by heat and pressure.

## Functional Characteristics:

- It is chemically inert, naturally white and contains no binders or fillers.
- Its unique structure gives it a combination of properties that no other porous sterile packaging material can match.

Physical Data	Test Method	Units	Tyvek 1059B	Tyvek 1073B	Tyvek2FS
<b>Basis Weight*</b>	ASTM D3776-85(1990) <sup>1</sup>	oz/yd <sup>2</sup> (g/m <sup>2</sup> )	1.90 (64.4)	2.20 (74.6)	1.76 (59.5)
<b>Delamination*</b>	ASTM D2724-87	Lb/in (N/2.54 cm)	0.50 (2.2)	0.52 (2.3)	0.61 (2.7)
<b>Gurley Hill Porosity*</b>	ASTM D726-84(1989)	Sec/100 cc	22	22	22
<b>Hydrostatic Head</b>	AATCC 127-1985	In. H <sub>2</sub> O (cm H <sub>2</sub> O)	56 (142)	59 (150)	57 (145)
<b>Tensile Strength</b>					
<b>MD</b>	ASTM D5035 <sup>2</sup>	Lb/in. (N/2.54 cm)	36.6 (163)	43.4 (193)	35.1 (156)
<b>CD</b>	ASTM D5035 <sup>2</sup>	Lb/in. (N/2.54 cm)	39.2 (174)	46.8 (208)	35.3 (157)
<b>Elmendorf Tear</b>					
<b>MD</b>	ASTM D1424	Lb (N)	0.67 (2980)	0.77 (3425)	0.63 (2.8)
<b>CD</b>	ASTM D1424	Lb(N)	0.72 (3203)	0.79 (3514)	0.83 (3.7)
<b>Thickness</b>	ASTM D1777 <sup>3</sup>	mils(μm)	6.5 (165)	7.3 (185)	6.11 (155)

### Notes:

All values are nominal, except where otherwise noted. MD = machine direction CD = cross direction.

\*Controlled property.

Modified for specimen size.

7.15 psi, 0.625-in. diameter presser foot.

Modified for speed and gauge length.



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