

# DuPont™ Tyvek® Graphics

## Typical Properties of Tyvek® for Selfadhesive Applications

Property	Unit	1058D Range <sup>(1)</sup>	1073D Range <sup>(1)</sup>	Tyvek® Brillion® 4158D Range <sup>(1)</sup>	Tyvek® Brillion® 4173D Range <sup>(1)</sup>	Test Method
- Basis Weight	g / m <sup>2</sup>	55.0 53.0 - 58.0	75.0 72.0 - 78.0	55.0 50.0 - 60.0	76.0 72.0 - 82.0	ISO 536 <sup>(2)</sup>
- Thickness	µm	150 95 - 215	205 135 - 275	125 80 - 165	155 110 - 200	EN 20534 <sup>(4)</sup>
- Tensile MD <sup>(3)</sup>	N / 2.54 cm	150 130 - 170	205 185 - 225	155 130 - 185	210 175 - 245	EN ISO 1924-2 <sup>(5)</sup>
- Tensile XD <sup>(3)</sup>	N / 2.54 cm	150 130 - 170	215 190 - 240	155 130 - 175	225 185 - 265	EN ISO 1924-2 <sup>(5)</sup>
- Elongation at Break MD <sup>(3)</sup>	%	17 - 27	14 - 21	15 - 25	16 - 30	EN ISO 1924-2 <sup>(5)</sup>
- Elongation at Break XD <sup>(3)</sup>	%	19 - 30	17 - 24	15 - 30	20 - 35	EN ISO 1924-2 <sup>(5)</sup>
- Tear Elmendorf MD <sup>(3)</sup>	N	3.5 2.5 - 4.5	5.5 3.8 - 7.5	2.9 1.4 - 5.5	5.5 3.5 - 7.5	EN 21974
- Tear Elmendorf XD <sup>(3)</sup>	N	4.0 3.2 - 5.0	5.7 4.5 - 7.0	3.5 2.4 - 5.0	5.5 3.5 - 7.5	EN 21974
- Opacity <sup>(6)</sup>	%	92.9 89.0 - 94.3	97.0 96.0 - 98.0	93.0 88.0 - 97.0	96.0 95.0 - 98.0	ISO 2471 <sup>(7)</sup>
- Internal Bonding	N / 2.54 cm	2.2 1.7 - 2.6	1.75 1.3 - 2.2	2.1 1.5 - 2.6	1.75 1.15 - 2.3	ASTM D 2724-87 <sup>(8)</sup>
- Treatment <sup>(9)</sup>						
Corona		yes	yes	yes	yes	
Antistat		yes	yes	yes	yes	

(1) Ranges are estimates only for 99.7% of the product based upon roll average standard deviation except thickness ranges which are based on individual specimens

(2) Sample size 100 cm<sup>2</sup>

(3) MD is Machine Direction, XD is Cross Direction

(4) Surface 2 cm<sup>2</sup>, pressure 100 kPa

(5) Modified for speed and length

(6) 100% is opaque

(7) Modified for different backing standards

(8) Modified for speed and gauge length

(9) Treatments where indicated are applied on both sides



HDPE

**Product safety information is available upon request.** This information corresponds to our current knowledge on the subject. It is offered solely to provide possible suggestions for your own experimentations. It is not intended, however, to substitute for any testing you may need to conduct to determine for yourself the suitability of our products for your particular purposes. This information may be subject to revision as new knowledge and experience becomes available. Since we cannot anticipate all variations in actual end-use conditions, DuPont makes no warranties and assumes no liabilities in connection with any use of this information. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent right.

DuPont de Nemours (Luxembourg) S.à.r.l.

L-2984 Luxembourg

Tel.: +352-3666 5785

Fax: +352-3666 5021

graphics.dupont.com

e-mail: graphics@lux.dupont.com



**Tyvek.**