DuPont™
Tyvek®

GB

Typical Properties of Tyvek® Style 10

Property	Unit	Style L-1025D Range(1)	Style L-1057D Range(1)	Style L-1073D Range(1)	Style L-1082D Range(1)	Test Method
Basis Weight	g/m²	42.5 40.0–45.0	55.0 52.5-57.5	75.0 72.0-78.0	**105.0** **101-109**	ISO 536 (2)
Thickness	µm	140 80-200	160 95-225	205 140-270	**275** **195-355**	EN 20534(4)
Tensile MD (3)	N/2.54 cm	90 70-110	130 115-150	185 160-210	**265** **220-300**	EN ISO 1924-2(5)
Tensile XD (3)	N/2.54 cm	85 65-105	140 125-155	205 180-230	**300** **230-375**	EN ISO 1924-2(5)
Elongation at Break MD (3)	%	11-22	16-30	18-35	**23-45**	EN ISO 1924-2(5)
Elongation at Break XD (3)	%	15-28	20-40	22-42	**20-55**	EN ISO 1924-2(5)
Tear Elmendorf MD (3)	N	6.5 4.0-9.0	5.0 3.0-7.0	6.3 4.5-8.0	**8.9** **6.2-11.6**	EN 21974
Tear Elmendorf XD (3)	N	6.0 4.5-7.5	5.2 3.8-7.0	6.1 4.4-8.0	**8.0** **6.7-9.0**	EN 21974
Opacity (6)	%	96.0 93.5-98.5	96.0 94.0-98.0	97.9 96.7-99.0	**98.7** **97.6-99.8**	ISO 2471(7)
Gurley Porosity	s	12 6-50	**24** 10-40	- -	**75** **30-130**	ISO 5636/5
Internal Bonding	N/2.54 cm	1.0 0.5-1.5	**1.6** **1.1-2.1**	1.7 1.3-2.2	**1.7** **1.1-2.3**	ASTM D 2724-87(8)
Treatment (9) Corona Antistat		 Yes Yes	 Yes Yes	 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 cm²
(3) MD is Machine Direction, XD is Cross Direction
(4) Surface 2 cm², 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

H-59518 English (600)

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.

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