

3M 7845TL Laser Toner Printable Polyester Label Material

Category : Polymer , Adhesive

Material Notes:

3M™ Laser Toner Printable Polyester Label Material 7845TL is a matte clear polyester designed for sheet fed laser imprinting. This label material utilizes 3M™ Adhesive 310 which provides firmness and high precision strength on a variety of surfaces including HSE plastics and metals. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-7845TL-Laser-Toner-Printable-Polyester-Label-Material.php

Mechanical Properties	Metric	English	Comments
Peel Strength	0.05478 kN/m	0.3125 pli	LD Polyethylene, 180° Peel, Conditioned for 3 days at 49°C; ASTM D3330
	0.0877 kN/m	0.500 pli	LD Polyethylene, 90° Peel, Conditioned for 3 days at 49°C; ASTM D3330
	0.131 kN/m	0.750 pli	LD Polyethylene, 90° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.175 kN/m	1.00 pli	Polypropylene, 90° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.175 kN/m	1.00 pli	HD Polyethylene, 90° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.1972 kN/m	1.125 pli	Polypropylene, 180° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.1972 kN/m	1.125 pli	Polypropylene, 180° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.219 kN/m	1.25 pli	LD Polyethylene, 180° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.219 kN/m	1.25 pli	HD Polyethylene, 90° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.219 kN/m	1.25 pli	HD Polyethylene, 90° Peel, Conditioned for 3 days at 49°C; ASTM D3330
	0.219 kN/m	1.25 pli	LD Polyethylene, 180° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.2410 kN/m	1.375 pli	LD Polyethylene, 90° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.263 kN/m	1.50 pli	HD Polyethylene, 180° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.263 kN/m	1.50 pli	Polypropylene, 90° Peel, Conditioned for 3 days at RT; ASTM D3330

Mechanical Properties	Metric 0.253 kN/m	English 1.50 pli	Comments Polyethylene, 90° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.29582 kN/m	1.6875 pli	Polypropylene, 90° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.29582 kN/m	1.6875 pli	HD Polyethylene, 90° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.3287 kN/m	1.875 pli	HD Polyethylene, 180° Peel, Conditioned for 3 days at 49°C; ASTM D3330
	0.3287 kN/m	1.875 pli	Polypropylene, 90° Peel, Conditioned for 3 days at 49°C; ASTM D3330
	0.351 kN/m	2.00 pli	LD Polyethylene, 180° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.351 kN/m	2.00 pli	Polycarbonate 90° Peel, Conditioned for 3 days at 49°C; ASTM D3330
	0.351 kN/m	2.00 pli	Glass, 90° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.36156 kN/m	2.0625 pli	HD Polyethylene, 180° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.3725 kN/m	2.125 pli	Glass, 90° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.38347 kN/m	2.1875 pli	HD Polyethylene, 180° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.38347 kN/m	2.1875 pli	Stainless Steel, 90° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.38347 kN/m	2.1875 pli	Polypropylene, 180° Peel, Conditioned for 3 days at 49°C; ASTM D3330
	0.40538 kN/m	2.3125 pli	Polycarbonate 90° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.4163 kN/m	2.375 pli	Polypropylene, 180° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.438 kN/m	2.50 pli	Polycarbonate 90° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.44921 kN/m	2.5625 pli	Stainless Steel, 90° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.44921 kN/m	2.5625 pli	Polycarbonate 180° Peel, Conditioned for 3 days at 49°C; ASTM D3330
	0.4602 kN/m	2.625 pli	Glass, 90° Peel, Conditioned for 3 days at 49°C; ASTM D3330

Mechanical Properties	Metric	English	Comments
	0.47112 kN/m	2.6875 pli	Stainless Steel, 180° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.47112 kN/m	2.6875 pli	Polycarbonate 90° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.5040 kN/m	2.875 pli	Stainless Steel, 90° Peel, Conditioned for 3 days at 49°C; ASTM D3330
	0.5040 kN/m	2.875 pli	Stainless Steel, 90° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.51494 kN/m	2.9375 pli	Polycarbonate 180° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.51494 kN/m	2.9375 pli	Glass, 90° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.570 kN/m	3.25 pli	Glass, 180° Peel, Initial, 10 min dwell at RT; ASTM D3330
	0.570 kN/m	3.25 pli	Polycarbonate 180° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.657 kN/m	3.75 pli	Stainless Steel, 180° Peel, Conditioned for 3 days at 49°C; ASTM D3330
	0.6793 kN/m	3.875 pli	Polycarbonate 180° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.7231 kN/m	4.125 pli	Glass, 180° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.745 kN/m	4.25 pli	Glass, 180° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.745 kN/m	4.25 pli	Glass, 180° Peel, Conditioned for 3 days at 49°C; ASTM D3330
	0.8108 kN/m	4.625 pli	Stainless Steel, 180° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	1.49 kN/m	8.50 pli	Stainless Steel, 180° Peel, Conditioned for 3 days at RT; ASTM D3330

Processing Properties	Metric	English	Comments
Shelf Life	12.0 Month	12.0 Month	

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