

3M 7110 Performance Paper Label Material

Category : Polymer , Adhesive

Material Notes:

3M™ Performance Paper Label Material 7110 adheres well to a variety of surfaces including high (HSE) and low surface energy (LSE) plastics and provides excellent resistance to flagging on small diameter vials. This product can be used as a tamper evident seal with the combination of fragile paper facestock and aggressive 3M™ Adhesive 320. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-7110-Performance-Paper-Label-Material.php

Physical Properties	Metric	English	Comments
Thickness	20.3 microns	0.800 mil	Adhesive
	50.8 microns	2.00 mil	Facestock
	63.5 microns	2.50 mil	Liner

Mechanical Properties	Metric	English	Comments
Peel Strength	0.1205 kN/m	0.6875 pli	Polypropylene, 90° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.1643 kN/m	0.9375 pli	Polypropylene, 90° Peel, initial 10 min dwell at RT; ASTM D3330
	0.1643 kN/m	0.9375 pli	LD Polypropylene, 90° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.3287 kN/m	1.875 pli	Polypropylene, 90° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.33964 kN/m	1.9375 pli	HD Polypropylene, 90° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.33964 kN/m	1.9375 pli	LD Polypropylene, 90° Peel, initial 10 min dwell at RT; ASTM D3330
	0.33964 kN/m	1.9375 pli	HD Polypropylene, 90° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.33964 kN/m	1.9375 pli	LD Polypropylene, 90° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.351 kN/m	2.00 pli	HD Polypropylene, 90° Peel, initial 10 min dwell at RT; ASTM D3330
	0.58068 kN/m	3.3125 pli	LD Polypropylene, 180° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
			LD Polypropylene, 180° Peel,

Mechanical Properties	0.6355 kN/m Metric	3.625 pli English	Conditioned for 3 days at RT; ASTM D3330 Comments
	0.657 kN/m	3.75 pli	HD Polypropylene, 180° Peel, initial 10 min dwell at RT; ASTM D3330
	0.657 kN/m	3.75 pli	HD Polypropylene, 180° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.701 kN/m	4.00 pli	LD Polypropylene, 180° Peel, initial 10 min dwell at RT; ASTM D3330
	0.73407 kN/m	4.1875 pli	HD Polypropylene, 180° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.77789 kN/m	4.4375 pli	Polypropylene, 180° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.82172 kN/m	4.6875 pli	Polypropylene, 180° Peel, initial 10 min dwell at RT; ASTM D3330
	0.84363 kN/m	4.8125 pli	Polypropylene, 180° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330

Processing Properties	Metric	English	Comments
Shelf Life	24.0 Month	24.0 Month	

Descriptive Properties	Value	Comments
Adhesive Type	320 High Tenacity Acrylic	
Liner	43# White DK liner	

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