

## 3M 7002 Performance Paper Label Material

Category : Polymer , Adhesive

### Material Notes:

3M™ Performance Paper Label Material provides excellent resistance to flagging on small diameter vials. These label materials utilize 3M™ High Precision Acrylic Adhesive 320, which provides firmness and strength on a variety of surfaces including high surface energy (HSE) and low surface energy (LSE) plastics, as well as, metals. Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-7002-Performance-Paper-Label-Material.php](http://www.lookpolymers.com/polymer_3M-7002-Performance-Paper-Label-Material.php)

Physical Properties	Metric	English	Comments
Thickness	22.9 microns	0.900 mil	Adhesive
	63.5 microns	2.50 mil	Liner
	71.1 microns	2.80 mil	Facestock

Mechanical Properties	Metric	English	Comments
Peel Strength	0.1205 kN/m	0.6875 pli	LD Polypropylene, 90° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.153 kN/m	0.875 pli	HD Polypropylene, 90° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.1643 kN/m	0.9375 pli	LD Polypropylene, 90° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.1643 kN/m	0.9375 pli	Polypropylene, 90° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.18626 kN/m	1.0625 pli	Polypropylene, 90° Peel, initial 10 min dwell at RT; ASTM D3330
	0.1972 kN/m	1.125 pli	Polypropylene, 180° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.23008 kN/m	1.3125 pli	LD Polypropylene, 90° Peel, initial 10 min dwell at RT; ASTM D3330
	0.27391 kN/m	1.5625 pli	HD Polypropylene, 90° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.2849 kN/m	1.625 pli	HD Polypropylene, 90° Peel, initial 10 min dwell at RT; ASTM D3330
	0.5478 kN/m	3.125 pli	HD Polypropylene, 180° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330

Mechanical Properties	Metric	English	Comments
	0.58068 kN/m	3.3125 pli	HD Polypropylene, 180° Peel, initial 10 min dwell at RT; ASTM D3330
	0.58068 kN/m	3.3125 pli	HD Polypropylene, 180° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.614 kN/m	3.50 pli	LD Polypropylene, 180° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.62451 kN/m	3.5625 pli	LD Polypropylene, 180° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.701 kN/m	4.00 pli	LD Polypropylene, 180° Peel, initial 10 min dwell at RT; ASTM D3330

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	121 °C	250 °F	Service
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	Service
	50.0 °C	122 °F	Application

Processing Properties	Metric	English	Comments
Shelf Life	24.0 Month	24.0 Month	

Descriptive Properties	Value	Comments
Adhesive Type	320 Acrylic	
Liner	43# Densified Kraft	

## Contact Songhan Plastic Technology Co.,Ltd.

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