

3M 7014 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-7014-Performance-Paper-Label-Material.php

Physical Properties	Metric	English	Comments
Thickness	22.9 microns	0.900 mil	Adhesive
	48.3 microns	1.90 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, initial 10 min dwell at RT; ASTM D3330
	0.153 kN/m	0.875 pli	LD Polypropylene, 90° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.219 kN/m	1.25 pli	Polypropylene, 90° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.263 kN/m	1.50 pli	LD Polypropylene, 90° Peel, initial 10 min dwell at RT; ASTM D3330
	0.29582 kN/m	1.6875 pli	HD Polypropylene, 90° Peel, initial 10 min dwell at RT; ASTM D3330
	0.29582 kN/m	1.6875 pli	HD Polypropylene, 90° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.307 kN/m	1.75 pli	HD Polypropylene, 90° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.31773 kN/m	1.8125 pli	LD Polypropylene, 180° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.351 kN/m	2.00 pli	HD Polypropylene, 180° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.394 kN/m	2.25 pli	LD Polypropylene, 90° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330

Mechanical Properties	Metric	English	Comments
	0.438 kN/m	2.50 pli	HD Polypropylene, 180° Peel, initial 10 min dwell at RT; ASTM D3330
	0.438 kN/m	2.50 pli	Polypropylene, 180° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.44921 kN/m	2.5625 pli	HD Polypropylene, 180° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.482 kN/m	2.75 pli	LD Polypropylene, 180° Peel, initial 10 min dwell at RT; ASTM D3330
	0.526 kN/m	3.00 pli	LD Polypropylene, 180° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.5916 kN/m	3.375 pli	Polypropylene, 180° Peel, Conditioned for 3 days 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	

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