

3M 7000 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-7000-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
	102 microns	4.00 mil	Facestock

Mechanical Properties	Metric	English	Comments
Peel Strength	0.153 kN/m	0.875 pli	LD Polypropylene, 90° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.153 kN/m	0.875 pli	LD Polypropylene, 90° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.20817 kN/m	1.1875 pli	LD Polypropylene, 90° Peel, initial 10 min dwell at RT; ASTM D3330
	0.23008 kN/m	1.3125 pli	Polypropylene, 90° Peel, initial 10 min dwell at RT; ASTM D3330
	0.2849 kN/m	1.625 pli	HD Polypropylene, 90° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.3287 kN/m	1.875 pli	HD Polypropylene, 90° Peel, initial 10 min dwell at RT; ASTM D3330
	0.66833 kN/m	3.8125 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
	0.7669 kN/m	4.375 pli	LD Polypropylene, 180° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.7669 kN/m	4.375 pli	HD Polypropylene, 180° Peel, initial 10 min dwell at RT; ASTM D3330
0.77789 kN/m	4.4375 pli	Polypropylene, 180° Peel, initial 10 min dwell at RT; ASTM D3330	

Mechanical Properties	Metric	English	Comments
	0.79981 kN/m	4.5625 pli	Polypropylene, 180° Peel, Conditioned for 3 days at RT; ASTM D3330
	0.79981 kN/m	4.5625 pli	HD Polypropylene, 180° Peel, Conditioned for 24 hrs at 32°C at 90% RH; ASTM D3330
	0.88746 kN/m	5.0625 pli	Polypropylene, 180° Peel, Conditioned for 24 hrs at 32°C at 90% RH; 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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