

3M 7042 Screen Printable Polyester Performance Label Products

Category : Polymer , Adhesive

Material Notes:

3M™ Screen Printable Polyester Performance Label Products are durable, high performance materials that offer excellent thermal stability and moisture resistance. These topcoated polyester label stocks utilize 3M™ Adhesive 350, which is designed to permanently bond to high and low surface energy plastics, textured and contoured surfaces, powder coatings, and slightly oily metals. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-7042-Screen-Printable-Polyester-Performance-LabelProducts.php

Physical Properties	Metric	English	Comments
Thickness	27.9 microns	1.10 mil	Adhesive
	50.8 microns	2.00 mil	Facestock
	178 microns	7.00 mil	Liner

Mechanical Properties	Metric	English	Comments
Peel Strength	0.351 kN/m	2.00 pli	HDPE, 180° Peel, 12"/min., 1" wide sample; TLMI Method
	0.614 kN/m	3.50 pli	Polypropylene, 180° Peel, 12"/min., 1" wide sample; TLMI Method
	0.614 kN/m	3.50 pli	Polycarbonate, 180° Peel, 12"/min., 1" wide sample; TLMI Method
	0.736 kN/m	4.20 pli	Stainless Steel, 180° Peel, 12"/min., 1" wide sample; TLMI Method

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	150 °C	302 °F	Service
Minimum Service Temperature, Air	-29.0 °C	-20.2 °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	350	
Liner	90# Polycrtd.	

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