

3M 7215SA Screen Printable Polyester Performance Label Products with Structured Adhesive

Category : Polymer , Adhesive

Material Notes:

3M™ Screen Printable Polyester Performance Label Products with Structured Adhesive 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. With unique microchannels throughout the structured adhesive, air flows freely from between the adhesive and substrate. Hand applied labels go on smoothly and stay that way. Even when labels are used on injection-molded plastic parts, bubbles that form from plastic outgassing can be smoothed to regain a neat appearance for the graphic. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-7215SA-Screen-Printable-Polyester-Performance-Label-Products-with-Structured-Adhesive.php

Physical Properties	Metric	English	Comments
Thickness	27.9 microns	1.10 mil	Adhesive
	50.8 microns	2.00 mil	Facestock
	198 microns	7.80 mil	Liner

Mechanical Properties	Metric	English	Comments
Peel Strength	0.421 kN/m	2.40 pli	HDPE, 180° Peel, 12"/min., 1" wide sample; TLMI Method
	0.543 kN/m	3.10 pli	Polypropylene, 180° Peel, 12"/min., 1" wide sample; TLMI Method
	0.543 kN/m	3.10 pli	Polycarbonate, 180° Peel, 12"/min., 1" wide sample; TLMI Method
	0.666 kN/m	3.80 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
	10.0 °C	50.0 °F	Application

Processing Properties	Metric	English	Comments
Shelf Life	12.0 Month	12.0 Month	

Descriptive Properties	Value	Comments
Adhesive Type	350	
Liner	90# Embossed Polycoated	

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