

3M 7049 Screen Printable Extended Life Vinyl Performance Label Products

Category : Polymer , Adhesive

Material Notes:

3M™ Screen Printable Extended Life Vinyl Performance Label Products are high performance materials that offer good conformability and moisture resistance. These vinyl label stocks utilize 3M™ Adhesive P1400 which is a high performance tackified acrylic designed for use in demanding environments, including outdoor applications. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-7049-Screen-Printable-Extended-Life-Vinyl-Performance-Label-Products.php

Physical Properties	Metric	English	Comments
Thickness	22.9 microns	0.900 mil	Adhesive
	96.5 microns	3.80 mil	Facestock
	178 microns	7.00 mil	Liner

Mechanical Properties	Metric	English	Comments
Peel Strength	0.263 kN/m	1.50 pli	HDPE, 180° Peel, 12"/min., 1" wide sample; TLMI Method
	0.526 kN/m	3.00 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
	0.701 kN/m	4.00 pli	Stainless Steel, 180° Peel, 12"/min., 1" wide sample; TLMI Method

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	49.0 °C	120 °F	Application
	60.0 °C	140 °F	Service
Minimum Service Temperature, Air	-29.0 °C	-20.2 °F	Service
	5.00 °C	41.0 °F	Application

Processing Properties	Metric	English	Comments
Shelf Life	24.0 Month	24.0 Month	

Descriptive Properties	Value	Comments
Adhesive Type	P1400 Perm	
Liner	90# Polycrtd.	

Descriptive Properties	Value	Comments
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