

3M 7847 Laser Markable Label Material

Category : Polymer , Adhesive

Material Notes:

3M™ Laser Markable Label Material 7847 and 7848 are specialty film label materials where a laser can ablate the top layer of a dual-layer facestock to create an image. The same laser can also kiss cut the label to size, maximizing flexibility for producing variable labels for durable applications. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-7847-Laser-Markable-Label-Material.php

Physical Properties	Metric	English	Comments
Thickness	30.5 microns	1.20 mil	Adhesive
	50.8 microns	2.00 mil	Facestock, Base layer
	81.3 microns	3.20 mil	Liner
	102 microns	4.00 mil	Facestock, Top layer

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	25.0 MPa	3630 psi	300mm/min; DIN 53455/ISO 527
Elongation at Break	13 %	13 %	DIN 53455/ISO 527

Thermal Properties	Metric	English	Comments
Minimum Service Temperature, Air	4.00 °C	39.2 °F	

Processing Properties	Metric	English	Comments
Shelf Life	24.0 Month	24.0 Month	

Descriptive Properties	Value	Comments
Adhesive Type	#350 high-holding acrylic	
Liner	Densified Kraft	

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