

Speciality Label - Printable Polyimide

PMAL7038

DATA SHEET

Description

PMAL7038 comprises a polyimide film with a high-temperature permanent pressure sensitive acrylic adhesive and a high opacity, gloss white topcoat specifically designed for thermal transfer printing.

- Durable thermal transfer printable top surface.
- High resolution printing (600dpi).
- Chemical, heat and cold resistance.
- Dimensionally stable at High temperature



Physical Properties

Facestock Composition	Polyimide film
Facestock Thickness	61 $\mu\text{m} \pm 10\%$
Adhesive Composition	Acrylic-based
Avg. Peel Adhesive on Stainless Steel (20 min dwell)	$\geq 35 \text{ oz/in}$
Avg. Peel Adhesive on Stainless Steel (24 hrs dwell)	$\geq 40 \text{ oz/in}$
Tack	$\geq 1200 \text{ g/in}$
Service Temp.	100 hourd at 150°C
UL Tested Ribbons	Ricoh B110CR, ITW B324, DNP R510HF, Armor AXR7+
Storage Stability	One year stored at $<80^\circ\text{F}$ (27°C) and 60% RH

Adhesive Application Guide

Polycarbonate	ABS	Cleanroom Paper
Polyester	Rubber	Carton Box
Polyethylene	Glass	PCB Board & Electronic component •
Polypropylene	Metal •	