



Adhesive Films and Preforms

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TF I2800 Thermoplastic Film Adhesive

Description:

TechFilm I2800 is a thermoplastic film adhesive for lid sealing, and other electronic applications.

Shelf Life:

Three Months @ 25°C

Six Months @ 0°C

One Year @ -10°C

Flow time and Temperatures for Bonding:*

Bonding Temperature:	120°C	150°C	160°C	180°C
Bonding Time:	60 min.	20 min.	10 min.	5 min.

Cured Properties:

<u>Property</u>	<u>Method</u>	<u>Value Obtained</u>
Color	Visual	translucent
Volume Resistivity at 25°C, Ohm-cm	ASTMD 257	>1.0 x 10 ¹⁵
Lap Shear Strength to Aluminum at 25°C, psi	ASTMD 1002	1100
Glass Transition Temperature, °C	ASTME 1356	70

* Flow times and temperatures are at 10-20 psi, higher pressure will flow quicker and at lower temperatures, consult your TechFilm representative for further information.

All values reported above are typical values, and are reported as a means of reference. Individual testing should be done to determine actual results, tested at specific conditions. Data should not be used for material specification purposes.

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