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**THERMOPLASTIC FILM**  
**TP7260**

**Tack-Free**  
**Ambient Temp Storable**  
**Electrically Insulating**  
**Thermoplastic**  
**Film Adhesive**

**IDEAL FOR:**

- High Volume, Automated Assemblies
- Heat Sink
- Component Attach
- Substrate Attach

**DESCRIPTION:**

TP7260 is an unfilled, medium bond strength thermoplastic film adhesive designed for bonding die, component, and substrate. The dry, tack-free handling of the film makes it suitable for automated assembly.

TP7260 is designed for bonding parts that may be operating at 250°C continuously. If excessive tensile stress is expected at temperature above 250°C, additional mechanical support may be considered.

**AVAILABILITY:**

TP7260 is available in sheet sizes or as custom preforms. Standard thicknesses are 0.003" and 0.006". Special thicknesses are available.

**APPLICATION PROCEDURES:**

- ( 1 ) Cut or pre-cut to desired size.
- ( 2 ) Remove film from protective paper.
- ( 3 ) Place between substrate and part.
- ( 4 ) Apply pressure and reflow material.

**TYPICAL PROPERTIES\***

Electrical Resistivity ( °C/ )	>1x10 <sup>15</sup> ohm-cm
Dielectric Strength (Volts/mil)	>1000
Glass Transition Temp.(°C)	>220
Lap-Shear Strength	>1000 psi >6.9 N/mm <sup>2</sup>
Device Push-off Strength	>1000 >6.9 N/mm <sup>2</sup>
Cured Density (gm/cc)	1.4
Hardness (Type)	Not Available
Thermal Conductivity	2.1 Btu-in/hr-ft <sup>2</sup> -°F 0.30 W/m-°C
Linear Thermal Expansion Coeff. (ppm/°C)	100
Tensile Modulus:	
Maximum Continuous Operation Temp. (°C)	250

\* Properties given are typical values and not intended for use in preparing specifications. The user is advised to evaluate the product in the manner the product is intended to be used in manufacturing and in the final product.

**REFLOW TEMPERATURES:**

Temperature	Time	Pressure
290°C	<0.5sec	5 psi

**SHELF LIFE:**

Storage temperature	Shelf Life
25°C	1 yr

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