

0.2 W/mK

Our lowest viscosity Appli-Thane product, 7125 is ideal for potting and encapsulation of advanced electronic assemblies. With a Shore A hardness of 70, the soft material provides resistance to vibration as well as low shrinkage for minimal stress on components during cure. The material passes NASA's outgassing requirements and provides strain relief for many bonding applications where high thermal conductivity isn't required.

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|------------------------------|------------------------------------------------------|
| UNCURED | |
| Work Life @ 25°C | 45 minutes |
| Viscosity Mixed @ 25°C | 2850 cPs |
| Viscosity Part A | 750 cPs |
| Viscosity Part B | 18,000 cPs |
| Thixotropic Index | 1.0 |
| Shelf Life Unmixed @ RT | 10 Months |
| Shelf Life Mixed @ -60°C | 6 Months |
| Mix Ratio A:B | 100:86.2 Parts By Weight |
| CURE OPTIONS | 24 hours @ 25°C 1.5 hours @ 65°C 7 days @ 25°C |
| CURED PROPERTIES | Based on cure of 1.5 hours @ 65°C |
| Color | Amber |
| Shore A Hardness | 70 |
| Glass Transition Temp (°C) | 4 |
| Density (g/cc) | 1.0 |
| Lap Shear 2024T3 Clad (psi) | 500 |
| Shrinkage Linear (%) | 0.7 |
| ELECTRICAL PROPERTIES | Based on cure of 1.5 hours @ 65°C |
| Volume Resistivity (ohm-cm) | 4.0E+15 @ 500 VDC |
| THERMAL PROPERTIES | Based on cure of 1.5 hours @ 65°C |
| Glass Transition Temp (°C) | 4 |
| Thermal Conductivity (W/mK) | 0.2 |
| OUTGASSING PROPERTIES | Based on cure of 1.5 hours @ 65°C |
| TML (%) | 0.70 |
| CVCM (%) | 0.01 |
| WVR (%) | 0.09 |
| ACOUSTIC PROPERTIES | |
| Velocity (m/s) | 1,950 |
| Impedance (MRayls) | 2.06 |
| Loss (dB/cm-MHz) | -6.9 |
| Density (g/cc) | 1.0 |

KEY FEATURES

D.O.T. Non-Hazardous

Transparent

Flexible

Low Viscosity

Self-leveling

De-Airs Easily

Meets NASA Outgassing Requirements

Talk to an engineer:

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Rev C

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