

Polyurethane Potting & Encapsulating Systems

Two-component, polyurethane-based liquid systems with varying degrees of work life, viscosity, and hardness for many specific potting and encapsulating applications such as modules, strain-sensitive components, transformers and coils.



Features:

- Low Cost
- Easy to Handle (process)
- Low Processing Hazards
- Non-MBOCA/Non-TDI
- Fungus Resistance
- Low Exotherm
- Low Shrinkage
- Improved Thermal Shock
- Low Stress on Embedded Components
- Excellent Dielectric Properties
- Room and/or Elevated Temp. Curing
- U.L. Recognized Systems

Systems to meet U.L. 94 V-O Flame Resistance Rating

To request a product bulletin, click on the bulletin# in the right column.

| Product No. | Mix ratio (PBW*) A/B | Working Life @25 慢 1/2lb mass in mins. | Shore Hardness | Volume Resistivity ohm-cm 25 慢 / 130 慢 |
|----------------|----------------------------|--|-------------------|--|
| EN-2521* | 20/100 | 60-80 | 72/65D | 1.2x10 ¹⁴ /1.0x10 ¹⁰ |
| EN-2523* | 20/100 | 45-50 | 55/50D | 3.4x10 ¹³ /1.5x10 ¹¹ |
| EN-2534 Black* | 20/100 | 15-20 | 55/50D | 3.4x10 ¹³ /1.5x10 ¹¹ |
| EN-2541* | 16/100 | 45-50 | 70/65D | 1.6x10 ¹⁴ /3.7x10 ⁹ |
| EN-2543 | 15/100 | 30-35 | 55/45D | 1.7x10 ¹⁴ /2.4x10 ¹⁰ |
| EN-2550* | 17/100 | 35-40 | 65D | 1.8x10 ¹⁵ /1.6x10 ¹¹ |
| EN-2551* | 17/100 | 4-7 | 60D | 6.8x10 ¹³ /NA |
| EN-2552* | 17/100 | 15-20 | 60D | 6.8x10 ¹³ /NA |
| EN-2553 Blue | 17/100 | 54 | 95A | 3.1 x 10 ¹⁴ /NA |
| EN-2555 | 24/100 | 40-50 (50 慢) | 65D | 7.2x10 ¹⁴ /NA |

*Recognized under the Component Program of Underwriters Laboratories, Inc.?