



Circalok™ 6028A/6029B

DESCRIPTION:

Circalok™ 6028 is a filled, two component epoxy casting compound with excellent electrical properties of elevated temperatures. The compound is recommended for potting high voltage transformers, especially units designed for high temperature service. This system is resistant to thermal shock, mechanical shock, and high humidity conditions. Because exotherm is minimal, very large castings can be poured with minimal stress on the unit. Circalok™ 6028, when used with Circalok™ 6029 is designated to have properties that exceed the requirements of MIL-I-16923, Type D. Hardener Circalok™ 6029 will produce a rigid system.

TYPICAL PROPERTIES:

The values listed are averages and are not intended for specifications purposes. Contact Lord when establishing specifications. The choice of cure schedule will vary with the application and users must establish their own optimum cure schedules.

SPECIFICATIONS

	<u>Circalok™ 6028 A</u>	<u>Circalok™ 6029 B</u>
Color	Blue	Beige
Specific Gravity @ 25°C	1.6	1.6
Viscosity @ 25°C (cps)	34,000	1,800
Shelf Life @ 25°C, months (from date of shipment in unopened containers)	12	12

CURED CHARACTERISTICS

Color	Blue
Coefficient of linear thermal expansion (in/in/°C x 10 ⁻⁶)	32
Specific Gravity @ 25°C	1.6
Tensile Strength, psi	7,200
Service Temperature °C	-55 to 155
Linear Shrinkage, in/in	0.005
Water Absorption (24 hours @ 25°C)	0.15%
Heat Distortion Temperature @ 264 psi, °C	150
Thermal Conductivity (cal/sec/cm ² /°C/cm x 10 ⁻⁴)	10.5
Hardness, Shore D	90

