



# ORAM PRODUCTS PVT. LTD.

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## Item Code: R-Cord 1A/H 121

Backed by our advanced warehouse and trained professionals, we have been able to offer a wide range of Epoxy Resin Potting And Encapsulation. Offered product is formulated from high quality chemical compounds with the aid of modern techniques under the guidance of our dexterous professionals. In tune with set industry standards, the provided product is also tested on different measures by our quality controllers to ensure its quality before being delivered.

R-Cord 1A is a two component, low viscosity epoxy resin system for high performance bonding, sealing, coating, encapsulation and casting. It is formulated to cure readily at room temperature or more quickly at elevated temperatures.

R-Cord 1A produces high strength, durable bonds which hold up well to thermal cycling and resists many chemicals including water, oils, fuels, acids, bases and salts. It is serviceable over the wide temperature range of -65°F to +250°F.. Once cured R-Cord 1A is an outstanding electrical insulator.

R-Cord 1A 100% solids. Formulated with undiluted Bisphenol A resin for superior physical properties, and pigmented with high purity aluminum oxide pigment to provide excellent thermal conductivity at reasonable cost. Pigmented black for excellent thermal absorption and emission.

PRODUCT R-Cord	1A
Of Components*	Two
Mix Ratio:	100:10
Cure Temperature (Minimal/(H/°C):	24 RT
Electrical Resistivity (Ohm-cm) (Typical)	$6 \times 10^{13}$
Thermal Conductivity cal / (Sq. cm.) (Sec) ( °c) (Typical)	$4.8 \times 10^{-4}$
Heat-Distortion Temp. °C	> 122
Maximum Operating Temperature Continues °C	140
Dielectric Strength V/ mil:at25°C (.0125inch thick sample)	465
Viscosity @ 25°cps Typical	10000-12000
TGA Degradation Temperature °C	430
Bulk Density lb/ft	60-70
Pot Life @ Room Temperature hrs.	.35
Shelf Life Room Temperature	One Year