



ORAM PRODUCTS PVT. LTD.

Head Office: G1-141, Kuber Industrial Area, Ranpur, KOTA (Raj.)

Cell: 09610994568, 09350077481

Branch Office: Opp. Columbia Asia Hospital NH24, Hapur Road,

Ghaziabad (U.P.) Cell: 098103 52857, 09310264801

E-mail: info@oramproducts.com , info.oram@gmail.com

Web : www.oramproducts.com

Technical Data Sheet – R-Cord CSE-09 & IPBE 3

R-Cord CSE-09

Description:-

R-Cord CSE-09 is a special modified, low viscosity, liquid epoxy resin for Floorings & Coating. When it is used with appropriate epoxy hardener, it provides excellent combination of properties including mechanical, thermal, chemical and physical.

Applications

Flooring
Coatings

IPBE 3

Description:-

IPBE 3 is low color, low viscosity modified Cycloaliphatic amine hardener suitable to cure epoxy resin at ambient temperature. The cured mass gives high gloss with excellent surface finish suitable for coatings and electrical applications. The film withstand variety of chemicals includes acid, alkali, alcohols and hydrocarbon solvents.

Advantages
Low viscosity
Fast setting
Excellent chemical resistance
High gloss

Technical Data

Property	Unit	Test Method	Resin(A)	Hardener(B)
Appearance		Visual	Clear Liquid Modified Bisphenol A	Clear Liquid Modified Cycloaliphatic
Viscosity	mPas (25°C)	ASTM D	500-600	350-450
Density	g/cm ³ (25°C)	ASTM D	1.10	1.04

Typical Properties

Property	Unit	Test Method	Value A/B
Mixing Ratio	By Weight	-	100:50
Pot Life	Min(25°C)	-	45-90
Curing Time	°C/hr	-	80/1 or 25/10
Temperature Range of use	°C	-	10°C to +180 °C
Hardness	Shore D	ASTM D	85
Expansion Coefficient	24h, 25°C, %	ASTM D	<0.1
Water Absorption	kV/mm (25°C)	ASTM D	>20
Tensile Strength (7 Days)	N/mm ²	ASTM D	65-75
Flexural Strength (14 Days)	N/mm ²	ASTM D	50-60
Glass transition temperature	(140°C)	ASTM D	0.014
Dielectric strength	(25°C)	ASTM D	3.9
Loss Factor	(DC500V) Ω·cm	ASTM D	1.2×10 ¹⁵

Packing Size:-

(Resin : Hardener)

(40 Kg : 20 Kg)

(240 Kg : 200 Kg)