

TECHNICAL DATA SHEET

ELEPOX 05

IDENTIFICATION OF SUBSTANCE Two components epoxy system for capacitors casting and other electricals applications.

| TECHNICAL DATA | Elepox 05 Resin | Elepox PL 199 Hardner |
|------------------------------------|--------------------|--------------------------|
| Colour: | Red | Clear |
| Density (a 23°C) g/ml: | 1,45 | 0,97 |
| Density mix: | | 1,15 |
| Viscosity Brookfield (a 25°C)mPas: | 11500-11500 | 40-70 |
| Viscosity mix (mPas): | | 2000 |
| Part by weight: | 100 | 40 |
| Pot life 25°C: | | 3 hours |
| Curing - gelation: | | 30-40 min a 100°C |
| Post curing: | | 8 hours a 90°C |

MECHANICAL AND ELECTRICAL PROPERTIES OF ELEPOX PL 199

| | |
|-------------------------------|--------------|
| High Distorsion Temperature: | 110° °C |
| Tg: | 100° - 110°C |
| Hardens (shore D): | 85-90 |
| Flexural strength N/mm: | 117 |
| Tensile strength N/mm: | 48 |
| Coeff. linear exp.: | 5x10-5 |
| Dielectric Const.25°C: | 3,2 |
| Dissipation factor tg delta: | 0,003 a 25°C |
| Resistività di volume Ohm/cm: | 6.10 |
| Rigidità dielettrica Kv/mm: | 18-20 |
| Water absorbption: | 0,05% |

HOW TO CONSERVE

6 months – in seale garment temperature 15-25°C – Possible a light sedimentation into resin
Homogenize before use.

Tutto quanto da noi espresso nel presente bollettino è basato su prove che riteniamo attendibili, ma non implicano la responsabilità della RICA. Il cliente assume ogni rischio derivante dall'uso.