



## FR707F - ELI-CAST ELECTRO INSULATING RESIN ENTERABLE

An opaque flexible, two component, ambient temperature curing electro insulating Polyurethane Resin, no shrinkage, good dielectric strength, re-enterable.

### Suggested applications.

Potting and encapsulating applications of electrical and electronic components where repeated access of the encapsulated components are of importance.

### Mixing and Application

|                                 |   |                     |
|---------------------------------|---|---------------------|
| <b>APPLICATION:</b>             | By casting                                |                     |
| <b>VISCOSITY / 25°C:</b>        | Resin: 800 900 mPa.s                      |                     |
|                                 | Hardener: 500 600 mPa.s                   |                     |
|                                 | Mixed: 650 700 mPa.s                      |                     |
| <b>COLOUR:</b>                  | Resin: Off-White                          |                     |
|                                 | Hardener: Transparent Brown               |                     |
|                                 | Mixed: Semi-transparent / Opaque          |                     |
| <b>MIXING RATIO:</b>            | <b>By Weight:</b>                         | <b>By Volume:</b>   |
|                                 | 100 parts of Resin                        | 100 ccs of Resin    |
|                                 | 50 parts of Hardener                      | 100 ccs of Hardener |
| <b>SPECIFIC GRAVITY / 25°C:</b> | Resin: 1,03 – 1,05 g/cm <sup>3</sup>      |                     |
|                                 | Hardener: 1,21 g/cm <sup>3</sup>          |                     |
|                                 | Mixed Resin: 1,1 – 1,15 g/cm <sup>3</sup> |                     |
| <b>PACKAGING:</b>               | 250g; 500g                                |                     |

Technical data sheets & MSDS available on request

**MAXIMUM OPERATING TEMP**



**45°C**

**WORK TIME / POT LIFE**



**15 MINUTES**

**GEL TIME**



**20 - 30 Minutes**

**SETTING TIME**



**30 - 40 Minutes**