

# EASYLAM<sup>®</sup> LSE

## Unsaturated polyester resin

Version : April 2015

### Appearance

Homogeneous beige liquid resin

### Main resin characteristics

Medium reactivity

Thixotropic - Pre-accelerated

Reduced styrene emission to atmosphere during processing and curing

ca. <30g / m<sup>2</sup> / hr (BS 2782 Method 432D)

### Moulding information

Spray-up

### Other possible process

Hand lay-up

### Main applications

Industrial mouldings

### Other possible applications

### Shelf life and storage

- Store in the shade out of direct sunlight below 30°C in sealed containers

- The shelf-life will be reduced if the resin is exposed to higher temperatures

- Use within shelf life specified on the container.

For tanker deliveries the shelf-life is 3 months after delivery date

### Precautions for handling

Please find the current SDS on internet [www.ccpcomposites.com](http://www.ccpcomposites.com)

Characteristics, Methods and Conditions	Values (Average values)
<b>Liquid properties</b> <b>-Specific weight at 20 °C :</b> <b>-Viscosity (dPa.s) : V25</b>  <b>-Solid content (%) : PC53</b> <b>-Reactivity :</b>	g/cm <sup>3</sup> Brookfield at 23 °C 4.5 - 7.5 69 - 74  Méthod : R 151 (Tube test) Test temperature : 23 °C Catalyst system : 1.5 % MEKP 50 Gel time : 20 - 25 Min Peak time : 30 - 42 Min Tempertaure at peak : 70 - 90°C
<b>Mechanical properties</b> (cured resin non reinforced) <b>Post cure (16hrs at 40 °C and 2hrs at 90°C)</b> <b>-Tensile ISO 527 (1999)</b> -Tensile Modulus (MPa) : -Tensile strength (MPa) : -Elongation at break (%) : <b>-Flexural ISO 178 (2003)</b> -Flexural strength (MPa) : -Flexural modulus (MPa) :	3550 45 1.55 90 3500
<b>Thermomechanical properties</b> (cured resin non reinforced) <b>-HDT ISO 75-2 A (1999) (°C):</b>	65 (2hrs at 120°C)