



Technical data sheet

EASYLAM[®] LSE

Unsaturated polyester resin

Version : September 2013

Appearance

Homogeneous beige liquid resin

Main resin characteristics

Medium reactivity

Thixotropic - Pre-accelerated

Reduced styrene emission to atmosphere during processing and curing

ca. <30g / m² / 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

Characteristics, Methods and Conditions	Values (Average values)
Liquid properties	
-Specific weight at 20 °C :	g/cm ³
-Viscosity (dPa.s) : V25	Brookfield at 23 °C
	Spindle 2 Speed 50rpm : 4.5 - 7.5
	69 - 74
-Solid content (%) : PC53	
-Reactivity :	
	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
Mechanical properties (cured resin non reinforced)	
Post cure (16hrs at 40 °C and 2hrs at 90°C)	
-Tensile ISO 527 (1999)	
-Tensile Modulus (MPa) :	3550
-Tensile strength (MPa) :	45
-Elongation at break (%) :	1.55
-Flexural ISO 178 (2003)	
-Flexural strength (MPa) :	90
-Flexural modulus (MPa) :	3500
Thermomechanical properties (cured resin non reinforced)	
-HDT ISO 75-2 A (1999) (°C):	65 (2hrs at 120°C)