



NORSODYNE[®] O 12335 AL

Unsaturated polyester resin

Appearance

Limpid liquid resin

Main resin characteristics

Orthophthalic unsaturated polyester resin
Pre-accelerated
Low viscosity – Low reactivity
Light stabilised

Moulding information

Casting

Main applications

Inclusions

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

Other possible process

Other possible applications

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 :	1.12 g/cm ³
-Viscosity (dPa.s) : V23	Brookfield at 23 °C
	Spindle 2 Speed 50rpm : 3.1 – 3.9
-Solid content (%) : PC53	62.5 – 66.5
-Reactivity :	
	Method : R19 (500g)
	Test temperature : 25°C
	Catalyst system : 0,3% MEKP 50%
	Gel time : 16 – 22 min
	Peak time : 45 – 70 min
	Peak temperature : 150 – 175 °C
Mechanical properties (cured resin non reinforced)	
Post cure (16hrs at 40°C)	
-Tensile ISO 527 (1999)	
-Tensile Modulus (MPa) :	3500
-Tensile strength (MPa) :	40
-Elongation at break (%) :	1,4
-Flexural ISO 178 (2003)	
-Flexural strength (MPa) :	150
-Flexural modulus (MPa) :	3150
Thermomechanical properties (cured resin non reinforced)	
-HDT ISO 75-2 A (1999) (°C):	50 (2hrs at 120°C)