



NORSODYNE[®] O 94087

Unsaturated polyester resin

Appearance

Limpid liquid resin

Main resin characteristics

Flexibilised unsaturated polyester resin

Moulding information

Blend with standart resins

Main applications

To flexibilise rigid resins

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 gravity at 20 °C :	1.14 g/cm ³
-Viscosity (dPa.s) : V23	Brookfield à 23 °C
	Spindle 2 Speed 50rpm : 3.5 – 4.5
-Solid content (%) : PC53	68 - 72
-Reactivity :	
	Méthod : R 03 (tube test Ø 18 ht 75 mm)
	Test temperature : 130 °C
	Catalyst system : 1 % PBTB
	Gel time : 2 min 05 sec – 2 min 25 sec
	Peak time : 2 min 45 sec – 3 min 15 sec
	Peak temperature : 220 - 240 °C
Mechanical properties (cured resin non reinforced)	
-Specific gravity at 20 °C :	1.24 g/cm ³
Post cure (16hrs at 40 °C)	
-Tensile ISO 527 (1999)	
-Tensile Modulus (MPa) :	345
-Tensile strength (MPa) :	12
-Elongation at break (%) :	41
-Flexural ISO 178 (2003)	
-Flexural strength (MPa) :	-
-Flexural modulus (MPa) :	265
Thermomechanical properties (cured resin non reinforced)	
-HDT ISO 75-2 A (1999) (°C):	<21 (2hrs at 120°C)