

NORSODYNE® O 13155 AL

Unsaturated polyester resin

Version : April 2015

Appearance

Limpid liquid resin

Main resin characteristics

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

Moulding information

Manual

Other possible process

Hand lay up

Main applications

Surfboards

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 :	1.12 g/cm ³
-Viscosity (dPa.s) : V23	Brookfield at 23 °C
	Spindle 2 Speed 50rpm : 5,4 – 6,4
-Solid content (%) : PC53	62 – 66
-Reactivity :	
	Method : R 151 (tube test)
	Test temperature : 23°C
	Catalyst system : 1,5% PMEK 50%
	Gel time : 6 – 8 min
	Peak time : 15 – 21 min
	Peak temperature : 125 – 145°C
Mechanical properties (cured resin non reinforced)	
Post cure (16hrs at 40°C)	
-Tensile ISO 527 (1999)	
-Tensile Modulus (MPa) :	3705
-Tensile strength (MPa) :	49
-Elongation at break (%) :	1.9
-Flexural ISO 178 (2003)	
-Flexural strength (MPa) :	105
-Flexural modulus (MPa) :	3370
Thermomechanical properties (cured resin non reinforced)	
-HDT ISO 75-2 A (1999) (°C):	59 (2hrs at 120°C)