

NORSODYNE[®] H 13302 TAE

Version : July 2013

Unsaturated polyester resin

Appearance

Homogeneous pink / purple liquid resin

Main resin characteristics

Orthophthalic unsaturated polyester resin

Medium reactivity

Thixotropic - Pre-accelerated

Reduced styrene emission

Moulding information

Hand lay-up

Other possible process

Spray-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 | |
| -Viscosity (dPa.s) : V25 | Brookfield at 23 °C |
| | 5 - 9 |
| -Solids content (%) : PC 53 | 58 - 62 |
| -Reactivity : | |
| | Méthod : R 151 (Tube test) |
| | Test temperature : 23 °C |
| | Catalyst system : 1.5 % MEKP 50 |
| | Gel time : 10 – 14 min |
| | Peak time : 20 – 28 min |
| | Tempertaure at peak : 80 – 110 °C |
| Mechanical properties (cured resin non reinforced) Post cure (16hrs at 40 °C) | |
| -Tensile ISO 527 (1999) | |
| -Tensile Modulus (MPa) : | 3715 |
| -Tensile strength (MPa) : | 57 |
| -Elongation at break (%) : | 2.3 |
| -Flexural ISO 178 (2003) | |
| -Flexural strength (MPa) : | 98 |
| -Flexural modulus (MPa) : | 3630 |
| Thermomechanical properties (cured resin non reinforced) | |
| -HDT ISO 75-2 A (1999) (°C): | 58 (2hrs at 120°C) |