

NORSODYNE[®] H 13212 TAE

Unsaturated polyester resin

Version : July 2014

Appearance

Homogeneous pink liquid resin

Main resin characteristics

Orthophthalic unsaturated polyester
Thixotropic – Preaccelerated
Low styrene emission

Moulding information

Spray up

Main applications

Industrial parts

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

Hand lay up

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 : -Viscosity (dPa.s) : V25 -Solid content (%) : PC53 -Reactivity : M2V50 Méthod : R151 (tube test) Test temperature : 23 °C Catalyst system : 1.5 % MEKP 50 Gel time : 14 - 18 min Peak time : 27 - 37 min Peak temperature : 90 - 110 °C	1.10 g/cm ³ Brookfield at 23°C 4.5 – 6.5 56 - 60
Mechanical properties (cured resin non reinforced) -Specific gravity at 20 °C : -Volumetric shrinkage (%) : Post cure (16hrs at 40 °C) -Tensile ISO 527 (1999) -Tensile Modulus (MPa) : -Tensile strength (MPa) : -Elongation at break (%) : -Flexural ISO 178 (2003) -Flexural strength (MPa) : -Flexural modulus (MPa) :	1.20 g/cm ³ 7 3715 57 2.3 98 3630
Thermomechanical properties (cured resin non reinforced) -HDT ISO 75-2 A (1999) (°C):	58 (2hrs at 120°C)

As the resin includes a film-forming agent we recommend that the laminate should first be rubbed down before bonding or relaminating