

## NORSODYNE® S 22255 TAPE Unsaturated polyester resin

Version : October 2006

### APPEARANCE

- Bluish limpid liquid resin.

### MAIN RESIN CHARACTERISTICS

Orthophthalic unsaturated polyester.  
Thixotropic – Preaccelerated - Pigmented  
Low styrene emission.

### MOULDING INFORMATION

- Hand lay up- Spray up

Simultaneous spraying of resin containing 50% CaCO<sub>3</sub> filler reinforced with 15/20% glass fibres will only require slight debulking. Use 0.5-1 inch (12 mm) fibres

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

Given the large number of substrates which are available on the PMMA/ABS market, we recommend that customers should first carry out an adhesion test on the intended substrate before any industrial application

Use of this resin associated with fillers of the CaCO<sub>3</sub> type is wholly recommended for reinforcement around fittings. It also reduces the exothermicity of the laminates produced and limits the risk of deformation in reinforced skins, the filler level being adjusted according to the quality required.

If resins are used without debulking special attention should be paid to keeping the application parameters constant, and we therefore recommend the use of a robot for any application.

### MAIN APPLICATION

-Sanitary : PMMA/ABS reinforcement.

### LIQUID RESIN PROPERTIES

Specific weight at 20°C	: 1.10 g/cm <sup>3</sup>
Brookfield Viscosity RVT at 25°C	
Spindle n°3 at 50 rpm	: 9 dPa.s
Volatile content	: 43 %
Reactivity :	
- Method	: R 72
- Test temperature	: 25°C
- Catalyst system	: 1.2 % MEKP 50
- Resin quantity	: 100 g
- Gel time	: 8 min
- Peak time	: 20 min
- Temperature at peak	: 125°C

DESIGNATION (according to ISO 3672-1)  
ISO 3672-1 - UP,N6,C5/V7R7

MARKING (according to ISO 11469)  
>UP<

### SHELF LIFE

Use within shelf life specified on the container. Store in the shade out of direct sunlight below 25 °C Containers sealed

### SAFETY PRECAUTIONS FOR HANDLING AND STORAGE

- Polyester solutions contain volatile and flammable monomers such as styrene (flash point : 32°C).
- They are subject to the Highly Flammable Liquids and Liquid Petroleum Gases Regulations 1972.
- All polyester resins should be handled and used in well ventilated, flame proof areas.
- It is preferable to wear gloves and goggles to guard against any skin/eye irritation arising from the presence of styrene. Under no circumstances must accelerators be mixed with peroxide catalysts as it can cause explosions.

This data sheet was established according to NF T 50-063