

## NORSODYNE® 6357

### Unsaturated Polyester Resin

#### APPEARANCE

Opaque green liquid resin

#### MAIN RESIN CHARACTERISTICS

Orthophthalic unsaturated polyester  
Flame retardant ( Class 2 )  
Thixotropic – Preaccelerated  
Medium reactivity  
Non-pigmented  
Non-filled  
Good wet out  
Rapid laminate cure

#### MOULDING INFORMATION

Hand lay up  
Spray lay up

#### MAIN APPLICATION

General moulding requiring BS 476 Part 7 Class 2 classification

#### LIQUID RESIN PROPERTIES

Rot thinner viscosity at 25°C:	3.0 – 4.0 dPa.s
Volatile content:	35 – 39%
Reactivity at 20°C , 2% MEKP 50	
Gel time:	10 – 15 minutes

#### CURED RESIN PROPERTIES

##### NON REINFORCED

Tensile ISO 527	
- strength:	39 MPa
- elongation at break:	2.2%
Flexural ISO 178	
- strength:	86 MPa
- modulus:	4000 MPa
HDT ISO 75-2 A:	85°C

#### SHELF LIFE

6 months

#### GUIDELINES BEFORE USE

Materials should be conditioned to a reasonable temperature (15°C minimum) prior to use. Resin should be agitated before use.

For further information please consult our Application Guide.

#### SAFETY PRECAUTIONS FOR HANDLING AND STORAGE

**FOR FULL DETAILS PLEASE REFER TO SDS,**  
Polyester resins contain styrene monomer, classified as **HARMFUL** by inhalation and **IRRITATING** to eyes and skin. With a flash point **below 32°C**, polyester resins are classified with the proper shipping name 'resin solution, flammable' as determined by ADR Marginal 2301 Item 54. The current UK EH40 styrene occupational exposure limit is a MEL of 100ppm (8 hr TWA). And there is an industry, voluntary code of practice to work below 50 ppm. The Environmental Protection Act (1990,1995) must also be complied with. Resins should be stored cool, away from direct sunlight in closed containers. When stored in bulk, adequate venting of tanks is recommended together with a storage temperature not exceeding 20°C.