

P138

DCPD FORMULATED ORTHO LAMINATING RESIN

Fully formulated unsaturated polyester resin system designed for general purpose hand or spray lay-up applications. Exhibits excellent glass fibre wetting properties, good weathering properties and is thixotropic to limit drainage on vertical or inclined surfaces. Specifically formulated to produce laminates with of low resin to glass ratios.

Has excellent low shrinkage characteristics. Therefore surface finishes and quality of finished product is enhanced with using P138. Also due to high NVC , less styrene allows for less styrene emissions. However a LSE version is also available for even lower styrene emissions.

SPECIFICATIONS	
Viscosity @ 25 deg C	450 - 550 c poise
NVC Content	59 %
Acid Value (mg KOH/g)	18
Thixotropic Index	2.0 - 2.5
Gel Time	15 - 20 min
Uncatalysed stability in the dark @ 25 deg C	6 months

CURED / PHYSICAL CHARACTERISTICS	
Volumetric Shrinkage (DTM 15)	1.8 %
Modulus of Rigidity	3.9 GPa
Flexural Rigidity	75 Mpa
Elongation at Break	2.3 %
HDT	70 Dec C

Cure characteristics are those obtained using a 100g sample catalysed with 2 % MEKP @ 25°C

NOTE :

1. Eg : MEKP NA1 ex A.E.C.I.
2. Under no circumstances should less than 1% of MEKP be used to cure unsaturated polyesters. We would recommend a minimum value of 1.5% MEKP be used in industrial applications to allow for any measuring inaccuracies

Storage :

Six months from date of manufacture if kept in closed opaque containers at 20 - 25 deg C.