



Product Information Sheet

- Product:** 4040 – 30 Ortho LSE Laminating Resin LV
- Product Code:** 385 – 55237- DRM
- Supply Sizes:** 4kg, 20kg & 225kg
- Uses:** 4040 – 30 is a thixotropic pre-promoted Orthophthalic polyester LSE resin of medium reactivity with excellent application properties. The resin contains a combination of additives which improve the working environment during and after application by substantially reducing the styrene evaporation, while still maintaining excellent inter-laminar adhesion after delayed lay-up.
- Application:** General laminating Hand layup or Spray layup
- Should the time between laminate applications exceed 48 hrs then the recommendation is that the surface should be abraded to ensure optimum secondary bonding, areas of excessive resin should always be abraded prior to being over laid.
- Features:** Medium gel time and a positive cure
- Lower viscosity and good thixotropy with colour change when catalysed
- Excellent glass wet out
- Styrene emission of less than 20gms /m²
- Excellent secondary bonding following a delayed lay-up

Typical Properties:

Appearance	Translucent blue liquid
Viscosity	1500 - 2000 (cP at 25°C)
Specific Gravity	1.10 g/cm ³
Gel time (1% MEKP)	30 – 40 mins @25°C
Styrene Content	43 - 46%
Barcol Hardness	40 - 45
Flexural Strength	100Mpa
Tensile Strength	60 Mpa ²
Elongation to break	2%
Shrinkage	7 – 8%
Heat Deflection Temperature	70 - 75°C

- Storage:** Store in a locked secure dangerous goods area in a tightly closed container away from any heat source, ignition source and out of direct sunlight, store below 25°C.
- Stability:** When stored in original closed container, a storage life of 6 months is expected.
- Directions for Use:** Catalyst recommended is the Luperox DDM - N but not below 1.5 %, and mixed thoroughly before application. For best results in the workshop maintain a temperature above 15°C to ensure that a satisfactory cure can be obtained, workshop heating may be required during colder months to maintain a temperature above 15°C.



Flammable



Health Hazard



Irritant

Hazards:**Personal Protection:**

- Enquires:** HS Composites Ltd
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For further information check the full SDS for this product.

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