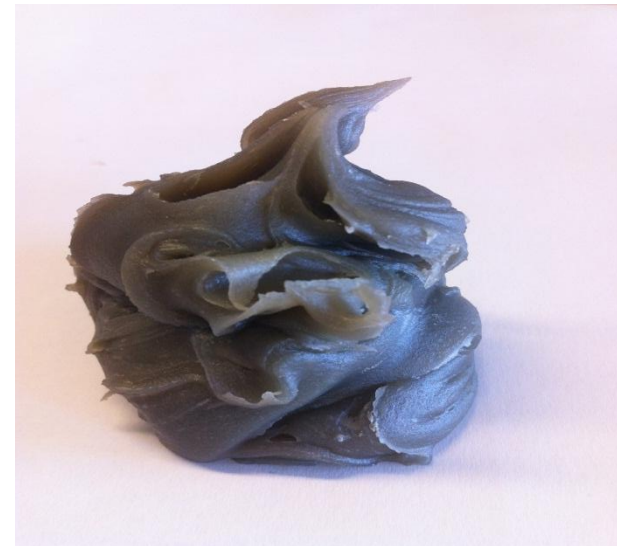




GRAVICOL 2015

What is it?

- Gravigol 2015 is the newest addition to the Polynt range of Bonding Pastes.
- A semi rigid paste, pre-accelerated and suitable for use in the bonding of composite parts for thin joints and static bonds.



Advantages of using Gravicol 2015

- With only the addition of traditional MEKP peroxides required, Gravicol 2015 is easy to apply, bearing an economic formula that is competitively priced compared to our standard products, maintaining the application performance expected of our bonding pastes.
- Gravicol 2015 maintains many of the well-known and valued properties of our popular standard range of bonding pastes: ease of application, consistent curing, low peak exotherm and low shrinkage.
- Typical gel time of 20 minutes and a bond development time of 4 hours, enabling a fast turn-around during manufacture of parts.
- Good flexural strength and high compressive strength, Gravicol 2015 offers many opportunities for use in application of bonded composite parts.

Availability

- Gravicol 2015 is manufactured at our Drocourt site in Northern France.
- Produced in batch sizes of 600kgs.
- The Minimum Order Quantity (MOQ) for Gravicol 2015 is 20kg
- Shelf life of this product is 6 months, sealed in original packaging and stored away from bright sunlight and direct heat sources in an ambient temperature between 15°C and 25°C



Technical Highlights

□ **DESCRIPTION** - A pre-accelerated bonding paste based on unsaturated polyester resin. Cures at room temperature (15 - 25°C). Cured using MEKP peroxide.

□ **TYPICAL CHARACTERISTICS:**

LIQUID: Density - 1,56 - 1,64 / Viscosity (dPa.s): 60 000 - 80 000
[23°C - Spindle V73 - 0,5 rpm]

□ **CURING: Catalyst : MEKP**

Gel time (mn) (250g - 23°C - 1% MEKP) - 15 – 25
Peak time (mn) (250g - 23°C - 1% MEKP) - 40 – 70
Peak exotherm (°C) (250g - 23°C - 1% MEKP) - 100 – 120

□ **MECHANICAL PROPERTIES AFTER CURING:**

Bond failure in the laminate (h) (20°C) - 4
Compressive strength (MPa) - NFP 15-451 - 105
Flexural strength (MPa) - NFP 15-451 - 26