1. CHARACTERISTICS

Gel coat **GC 200** is based on an isophtalic polyester resin. Gel coat suitable for mould making.

- Gel coat **GC 200** is thixotropic and pre-accelerated. Formulated for brush application.
- Good handleability and coverage.
- Good quality with excellent mechanical properties.
- Freedom from porosity.
- Fast cure.
- High brightness.

2. PROPERTIES OF LIQUID GEL COAT

Brookfield viscosity (ISO 2555 - 20°C – sp6)	5 rpm : 250 - 350 Poise 50 rpm : 60 - 80 Poise
Specific gravity (ICON 012)	1.22 g/cm^3
Geltime (ICON 002) (20°C - 2% MEKP M50 on 100 g)	10 - 14 min
Non volatile content (ICON 003)	64%
Water absorption (ISO 62)	18 mg

3. MECHANICAL PROPERTIES OF CAST GEL COAT

Flexural strength (ISO 178)	115 MPa
Flexural modulus (ISO 178)	4 GPa
Tensile strength (ISO 527)	60 MPa
Elongation at break (ISO 527)	4.5%
Temperature of deflection under load (HDT) (ISO 75-3)	85°C
Barcol hardness	50

4. VERSIONS

The gel coat **GC 200** is available in various colours.
The gel coat **GC 200** is available in spray version: **GC 201** with a viscosity at 5 rpm: 140 - 200 Poise, at 50 rpm: 22 - 28 Poise (20°C - sp5) and a gel time of 10 - 14 min (20°C - 2 mL MEKP M50 on 100 g).

5. RECOMMENDATIONS BEFORE USE

- Mix the peroxide very well, never put less than 1% and more than 3% of peroxide.
- **GC 200** is ready to use, homogenate the product before use.
- Put 0.4 to 0.5 mm thickness of gel coat about 500 g/m².
- Avoid thickness especially in angles. We recommend the application of several thin layers rather than a thick one.

IMPORTANT
All of the results obtained according to trials in our laboratory. However, we don't be responsible of manufactured parts with the **GC 200***, if the application conditions specified are not respected.*
It is imperative that the user must also ensure that his application and his process are appropriate for this product to be used. We hereby the conformity of our products with the above specifications. We cannot be responsible for any damage caused by misuse of this product or use of the product for an application not covered in the design.

6. POST CURING

To obtain optimum resistance properties, the laminate with the gel coat **GC 200** must be post-curing. In order to accelerate the hardening, the laminate stays at ambient temperature (16 à 20 °C) during 24 hours followed a post-curing of 16 hours at 40°C. We advise to do a post-curing immediately after ripening period to obtain optimums results.

7. PACKAGING

Available in cans of 25 kg and drums of 225 kg.

8. STORAGE CONDITIONS AND HANDLING

Storage life : Gel coat **GC 200** is stable for 3 months from date of production. The product must be stored in original closed packaging at a temperature between 15°C and 25°C, away from direct sunlight.

It is the responsibility of the customer to assure that the product is used in good conditions overall before the date limitation mentioned on the keg.

The gel coat is subject to the Highly Flammable Liquids Regulations.

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