



adesivi

TECHNICAL DATA SHEET



Review 004, 05/2016

Page 1 of 2

PRODUCT

VINYLESTER RESIN (L7108)

FEATURES

Pre-accelerated unsaturated polyester resin with good chemical and mechanical resistance. Easy to use due to its viscosity and reactivity. Catalysis with MEKP (methyl ethyl ketone peroxide) is required for its application. It adheres well to fiberglass surfaces, PMMA and ABS.

TECHNICAL DATA

| | | |
|-----------------|------------------------|----------------|
| Specific weight | 1100 ± 20 g/l | (MI 001) |
| Solid weight | 62 ± 2 % | (MI 006) |
| Viscosity | 900 ± 100 cP | (MI 002; 25°C) |
| Color | Limpido, giallo chiaro | |

STORAGE

Keep the container well closed and stored in a cool (temperature below 25°C) and ventilated environment for a maximum period of 12 months from the date of production marked on the tin. Avoid direct sun exposure.

SAFETY

During application and drying time ventilate the room. We recommend the use the appropriate PPE during application.

MECHANICAL

| | |
|-----------------------|----------|
| Barcol hardness | 44 |
| Volumetric shrinkage | 7.0 % |
| Flexural strength | 90 MPa |
| Modulus of elasticity | 3600 MPa |
| Tensile strength | 50 MPa |
| Tensile modulus | 4000 MPa |
| Tensile elongation | 0.7 % |

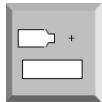
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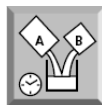
Review 004, 05/2016

Page 2 of 2



Mixing ratio
volume / mass

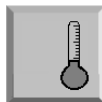
Liquid hardener (MEKP)
100 ml : 3÷5 ml
100 g : 3÷5 g



Gel time

18 min

(MI 003; 25°C)

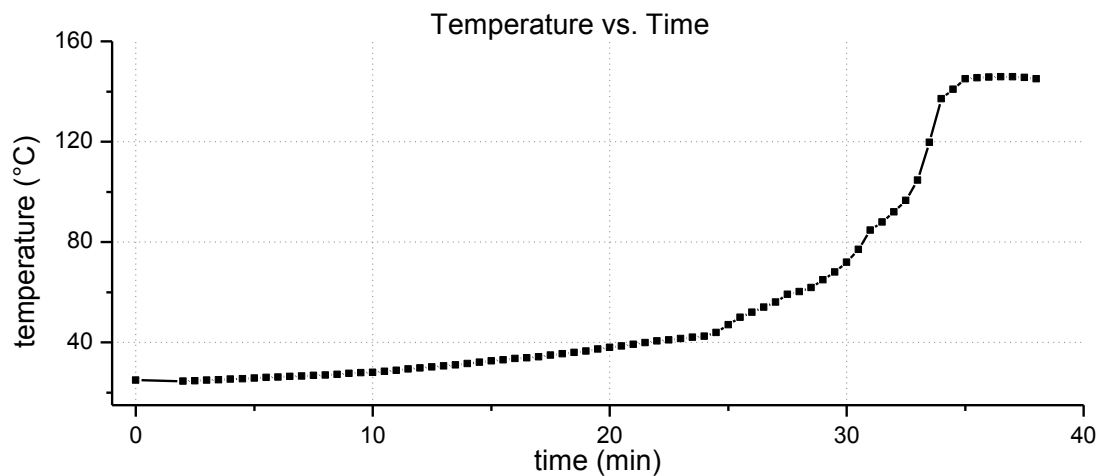


Exothermic peak

145 °C at 37 minutes

(MI 003; 25°C)

ADDITIONAL INFORMATION



Catalysis (MI 003) has been performed with 2% MEKP