



adesivi

# TECHNICAL DATA SHEET



**RESINA POLIESTERE B D 22**

CON CATALIZZATORE LIQUIDO

**B D 22 POLYESTER RESIN**

WITH LIQUID HARDENER

Review 004, 09/2016

Page 1 of 2

## PRODUCT

BD 22 (C7129)

## FEATURES

BD 22 is a polyester transparent resin, suitable for metal, plastic and fibreglass. Colourless and stable in conditions of bright and direct light, it is suitable for the bonding and repairing of damaged or even missing sections in materials and can even be applied with the use of a glass fibre fabric. It is to be used with a liquid hardener at a ratio of 3%.

## TECHNICAL DATA

Specific weight	1100 ± 20 g/l	(MI 001)
Solids by weight	64 ± 2 %	(MI 006)
Viscosity	850 ± 100 cP	(MI 002; 25 °C)
Color	mahogany	

## 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 RULES

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

## MECHANICAL CHARACTERISTICS

Barcol Hardness	47
Tensile Strength	54 MPa
Flexural Strength	99 MPa
Modulus of Elasticity	3728 MPa
Tensile Modulus	3328 MPa
Resistance to Yield	110 MPa
Maximum Strength	269 MPa

ILPA ADESIVI SRL

# TECHNICAL DATA SHEET



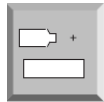
**RESINA POLIESTERE B D 22**  
CON CATALIZZATORE LIQUIDO

**B D 22 POLYESTER RESIN**

WITH LIQUID HARDENER

Review 004, 09/2016

Page 2 of 2



Mixing ratio  
volume / mass

Liquid hardener (MEKP)

100 ml : 3-5 ml

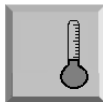
100 g : 3-5 g



Gel time

9 - 12 min

(MI 003; 25 °C)



Exothermic peak

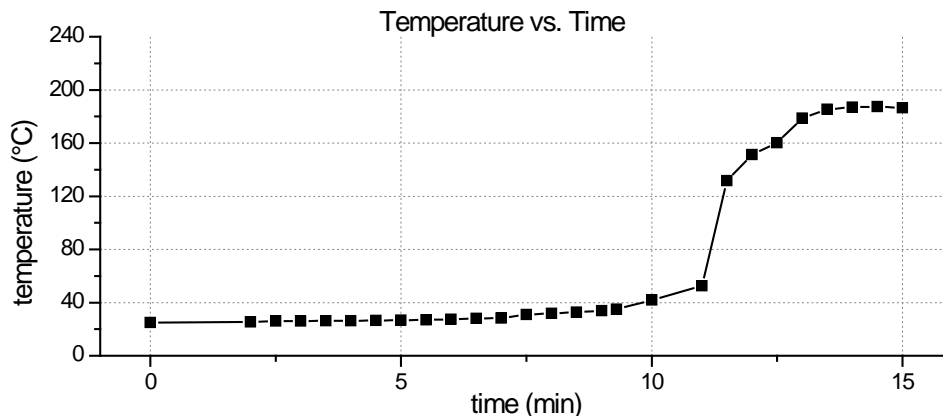
180 – 190 °C at 15 - 17 minutes

(MI 003; 25 °C)

## APPLICATION

- Prepare the surface to be treated by cleaning it up;
- Add the hardener to the resin in the amount of 3 – 5 % and mix thoroughly the two components;
- Apply the product with a brush, the product can be worked after complete catalysis;
- Do not apply on humid surfaces.

## ADDITIONAL INFORMATION



The catalysis (MI 003) has been performed with 2% of MEK Peroxide at 25°C