

## SC – 22 CRISTALLO

### Crystal pre – accelerated resin for inclusions

Extremely transparent resin for casting, good to realize little transparent objects with perfectly visible inclusions. It remains clear and perfect, it does not yellow.

The quantity of accelerator included allows castings with mass up to 300gr, with no excessive overheating, in 30 minutes and at 25°C temp. The recommended dose of catalyst is 1/2 % : the bigger is the casting mass, the lower is the proper dose of catalyst.

#### Recommended doses are:

- 2% for masses up to 100gr.
- 3% for masses up to 300gr.
- Proportionally lower doses for bigger masses.

For very little masses, a hardening post- treatment by temperatures within 50°C is recommendable, or add an accelerator ( cobalt octoate or an accelerator for polyester).

For huge masses, better to divide the mass in 2/ 3 layers.

#### Component properties before hardening:

VISCOSITY	530/620 mPa s
ACIDITY	20/30 mgKOH/gr
STABILITY at 130°C	60/90 minutes
STABILITY at 80°C	24/48 hours
STORAGE STABILITY at 23°C	3 months

#### Component properties after hardening:

SPECIFIC WEIGHT at 23°C	1,23+ - 0,05 gr/cm3
VOLUME SHRINKING	8,1%
HERDNESS BARCOL	42,8
WATER ABSORPTION 24 hours	0,37%
WATER ABSORPTION 28 days	2,02%
TENSILE STRENGTH	34 mPa
BENDING STRENGTH	100 mPa
DISTORTION TEMP.	56°C

#### Storage:

The product, kept well closed in its original packing and at a temperature not higher than 23°C, is stable for at least 3 months from the production date.

Different times and conditions of storage may compromise or alter the characteristics of the product.



Ideas and creative solutions

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