

USE

Production of molds which have a good resistance to chemical agents (solvents in particular) after hardening.

| MECHANICAL AND THERMAL PROPERTIES AT 23°C ⁽¹⁾ | | | |
|--|-----------------|----------------|----------|
| Hardness | ISO 868-85 | Shore D1 / D15 | 89 |
| Compressive strength | ISO 604-97 | MPa | 5500 |
| Flexural strength | ISO 178-93 | MPa | 75 |
| Glas transition temperature • 8 hours at 80°C • 48 hours at 23°C | T.M.A. -Mettler | °C | 85 65 |

STORAGE CONDITIONS

Use within 24 months of the manufacturing date. Expiry date indicated on the packaging.

HANDLING PRECAUTIONS

Normal health and safety precautions should be observed when handling these products :

- ensure good ventilation
- wear gloves and safety glasses

For further information, please consult the product safety data sheet.

PACKAGING

| | | |
|----------------|-------------------|--------------|
| GC1 080 | GC1 080 WE | GC 13 |
| 12 x 0.5 kg | 1 x 5 kg | 12 x 0.05 kg |
| 1 x 5 kg | | 1 x 0.5 kg |

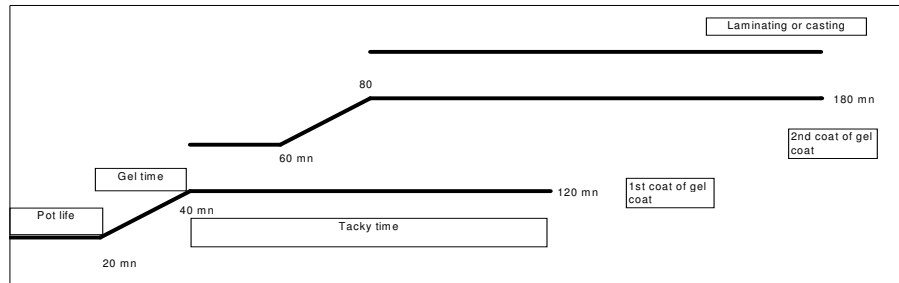
GUARANTEE

The information of our technical data sheet are based on our present knowledge and the result of tests conducted under precise conditions. It is the responsibility of the user to determine the suitability of AXSON products, under their own conditions before commencing with the proposed application. AXSON refuse any guarantee about the compatibility of a product with any particular application. AXSON disclaim all responsibility for damage from any incident which results from the use of these products. The guarantee conditions are regulated by our general sale conditions.

The technical data sheet and the safety data sheet are also available on our website : www.axson.com

| PHYSICAL PROPERTIES | | | | |
|--|-----------------------|--------------------|-------------------|-----------------|
| | | RESIN GC1 080 | HARDENER GC 13 | MIXING |
| Mixing ratio by weight | | 100 | 10 | |
| Aspect | | thixotropic liquid | liquid | thixotropic gel |
| Colour | GC1 080 GC1 080 WE | blue white | light amber | blue white |
| Brookfield LVT viscosity at 25°C (mPa.s) | - | thixotropic | thixotropic | thixotropic |
| Density at 25°C | ISO 1675-85 | 1.78 | 1.02 | - |
| Density of the cured product | ISO 2781-88 | - | - | 1.74 |

Application diagramm of GC1 080 / GC 13
(Application temperature : 23°C Mass 300 g)



PROCESSING CONDITIONS

- Apply DEMOLDING AGENT 841 or WAX 827 on a non porous pattern.
- Back-up : EPOLAM 2020 and reinforcements
EPOLAM 2022 and reinforcements

Quantity of gel coat for production of a 1 m² surface (for information only)

