



## USE

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

### MECHANICAL AND THERMAL PROPERTIES AT 23°C<sup>(1)</sup>

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	T.M.A. -Mettler	°C	85
• 8 hours at 80°C			65
• 48 hours at 23°C			

## 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

12 x 0.5 kg

1 x 5 kg

GC1 080 WE

1 x 5 kg

GC 13

12 x 0.05 kg

1 x 0.5 kg

## GUARANTEE

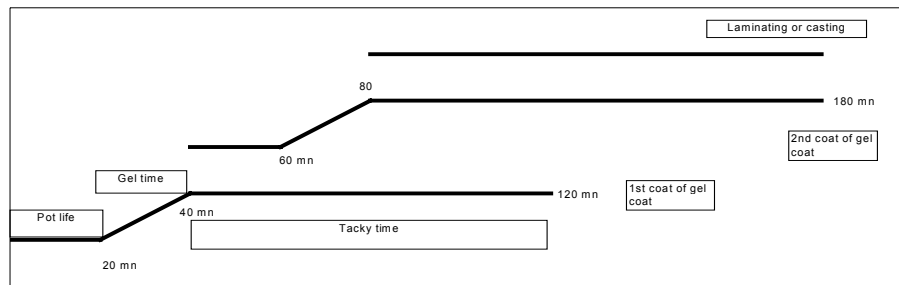
The information of our technical data sheet are based on our present knowledge and the result of tests conducted under precise conditions. It is the responsibility of the user to determine the suitability of AXSON products, under their own conditions before commencing with the proposed application. AXSON 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](http://www.axson.com)

Page 1/2 16-July-02

PHYSICAL PROPERTIES				
		RESIN GC1 080	HARDENER GC 13	MIXING
Mixing ratio by weight		100	10	
Aspect		thixotropic liquid	liquid	thixotropic gel
Colour	<b>GC1 080</b> <b>GC1 080 WE</b>	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 m<sup>2</sup> surface (for information only)**

