

USE

Surface coating for production of patterns, negatives.

MECHANICAL AND THERMAL PROPERTIES AT 23 °C⁽¹⁾				
Hardness	ISO 868-85	Shore D1 / D15	83	
Flexural modulus	ISO 178-93	MPa	4800	
Flexural strength	ISO 178-93	MPa	75	
Glass transition temperature	T.M.A.-Mettler	°C	4 days at 25 °C	50
			8 hrs at 80 °C	65

STORAGE CONDITIONS

Use before 24 months according to the manufacturing date. Expiration 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

<i>GC1 050</i>	<i>GC1 050 GN</i>	<i>GC 10</i>
<i>1 x 5 kg</i>		<i>1 x 0.5 kg</i>
<i>1 x 10 kg</i>	<i>1 x 10 kg</i>	<i>1 x 1 kg</i>
<i>Pack of 12 x 0.5 kg</i>		<i>Pack of 12 x 0.05 kg</i>

GUARANTEE

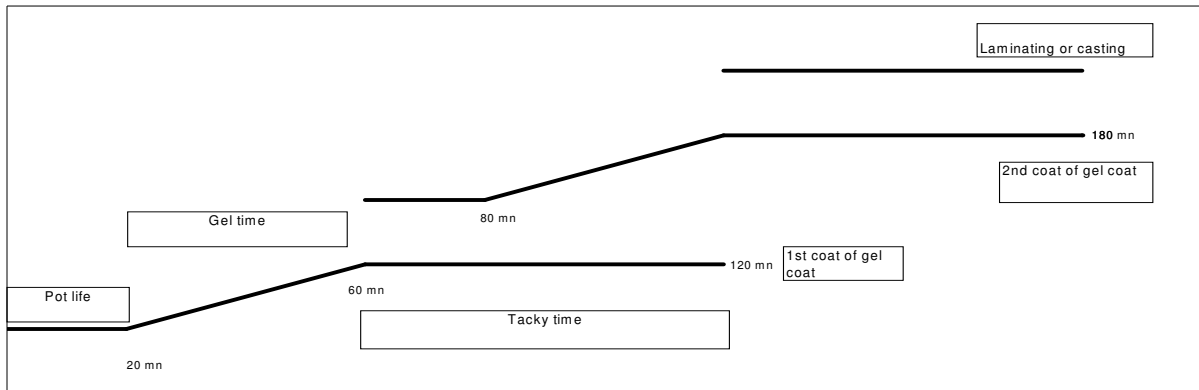
The information of our technical data sheet are based on our present knowledge and the result of tests conducted under precise conditions. It is the responsibility of the user to determine the suitability of AXSON products, under their own conditions before commencing with the proposed application. AXSON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

TECHNICAL DATA SHEET

PHYSICAL PROPERTIES				
		RESIN GC1 050	HARDENER GC 10	MIXING
Mixing ratio by weight		100	10	
Aspect		thixotropic gel	liquid	thixotropic
Color	GC1 050 GC1 050 GN	white green	light amber	white green
Brookfield LVT viscosity at 25°C (mPa.s)	-	thixotropic	2200 ± 400	thixotropic
Density at 25°C	ISO 1675-85 ISO 2781-88	1.57 – 1.61	0.98 – 1.02	1.45

Application diagram of GC1 050 / GC 10
(Application temperature : 23°C Mass 500 g)



PROCESSING CONDITIONS

- Apply DEMOLDING AGENT 841 or WAX 827 on a non porous pattern..
- Back-up : EPOLAM 2010 and reinforcements
EPO 5019, EPO 5021

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

