



USE

Production of prepreg molds, RTM, SMC, thermoforming die...

MECHANICAL AND THERMAL PROPERTIES (1)			
Hardness	ISO 868-85	Shore D1	87
Flexural strength	ISO 178-93	MPa	100
Flexural modulus of elasticity	ISO 178-93	MPa	4,400
Glass transition temperature	T.M.A.-Mettler	°C	180

(1) : Average values obtained on standardized specimens
Hardening according to the curing cycle indicated on the next page

STORAGE CONDITIONS

Shelf life of the resin is 9 months in a dry place and in its original unopened container at a temperature below 20°C and shelf life of the hardener is 12 months in the same conditions.

Any open can must be tightly closed under dry inert gas (dry air, nitrogen, etc.).

HANDLING PRECAUTIONS

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

- ensure good ventilation
- wear gloves, safety glasses and clothes.

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

PACKAGING

GC1 180 RESIN
10 kg
Pack of 12 x 0.5 kg

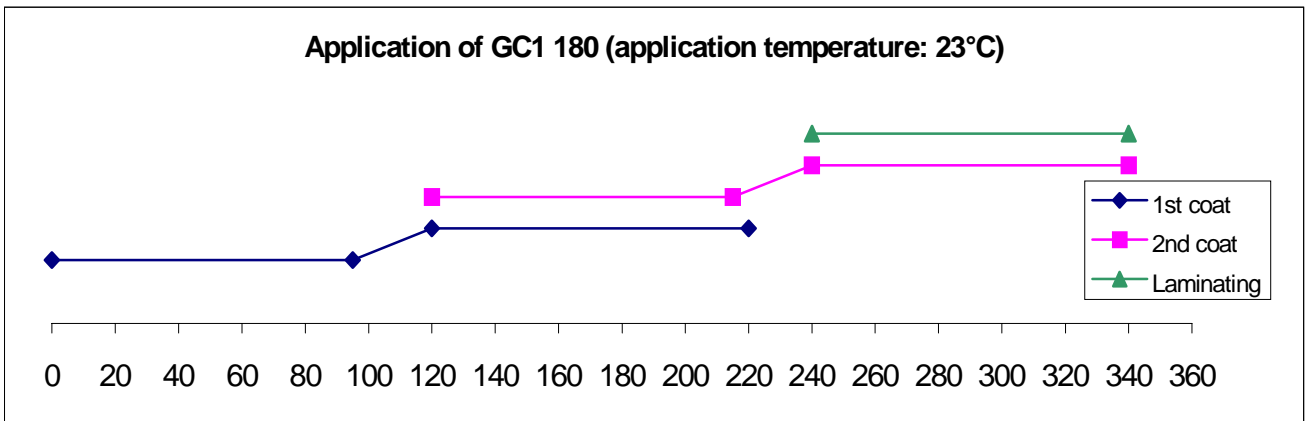
GC 21 HARDENER
2 kg
Pack of 12 x 0.1 kg

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.

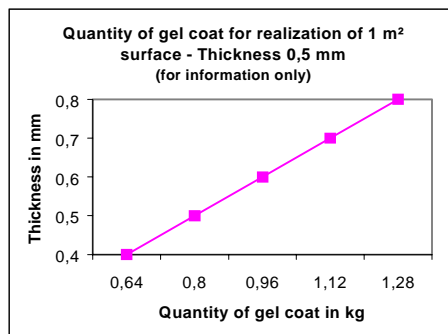
The technical data sheet and the safety data sheet are also available on our website : www.axson.com

PHYSICAL PROPERTIES				
		RESIN GC1 180	HARDENER GC 21	MIXING
Mixing ratio by weight		100	20	
Aspect		paste	liquid	thick liquid
Color		black	light amber	black
Brookfield LVT viscosity at 25°C (mPa.s)		thixotropic	420	thixotropic
Density of uncured product	ISO 1675-85	1.63 - 1.69	0.92 - 0.98	-
Density of cured product	ISO 2781-88	-	-	1.63 - 1.69



PROCESSING CONDITIONS

- Apply DEMOLDING AGENT 841 or WAX 827 on a non porous pattern.
- Back-up : EPOLAM 2080 laminating resin
EPO 752/EPOLAM 2080 casting resin



CURING

