

MECHANICAL AND THERMAL PROPERTIES at 23 °C (1)

RESIN			EPOLAM 2017 RESIN		
			EPOLAM 2013 HARDENER	EPOLAM 2017 HARDENER	EPOLAM 2018 HARDENER
Flexural modulus	ISO 178 : 2001	MPa	2,800	3,000	2,750
Flexural strength	ISO 178 :2001	MPa	100	132	108
Tensile Modulus	ISO 527 : 1993	MPa	3,000	3,700	3,200
Tensile strength	ISO 527 : 1993	MPa	65	73	68
Elongation at break	ISO 527 : 1993	%	3	5.6	6
Hardness	ISO 868 : 2003	Shore D15	86	88	86
Glass transition temperature	ISO 11359 : 2002	°C	70	89	83
Deflection temperature	ISO 75 : 2004	°C	66	84	75

(1): Average values obtained on standard specimens of pure resin / Hardening 24 hr at 23 °C + 16 hr at 80 °C.

HANDLING PRECAUTIONS

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

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

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

STORAGE CONDITIONS

Shelf life of EPOLAM 2017 Resin is 24 months. Shelf life of EPOLAM 2013, EPOLAM 2017 and EPOLAM 2018 Hardeners is 12 months. Expiry date indicated on the packaging.

PACKAGING

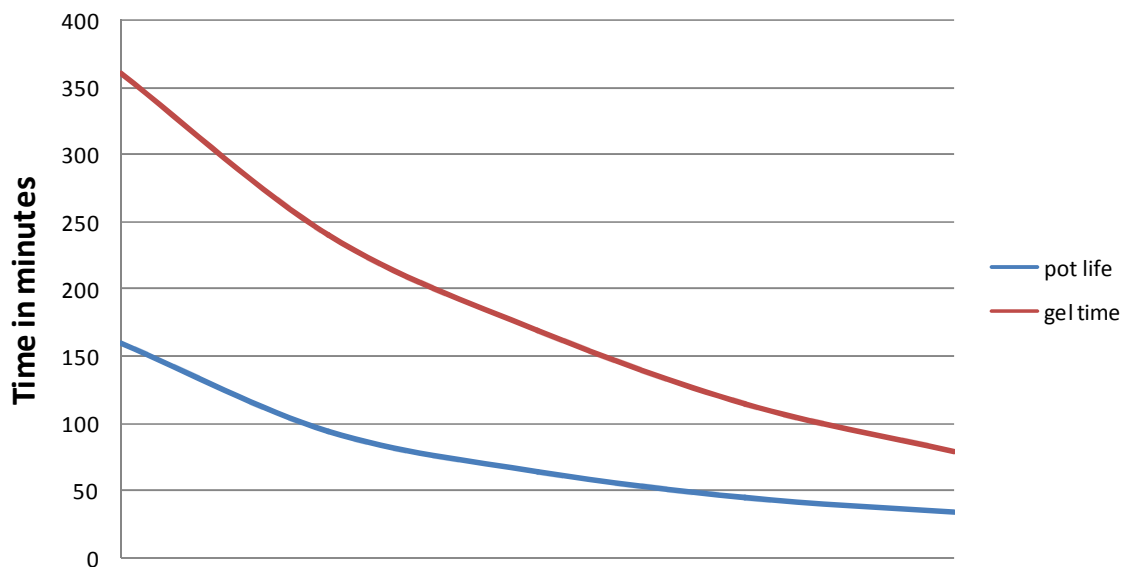
EPOLAM 2017 RESIN	EPOLAM 2013 HARDENER	EPOLAM 2017 HARDENER	EPOLAM 2018 HARDENER
1.000 kg	18 kg	900 kg	900 kg
200 kg	6.4 kg	180 kg	180 kg
20 kg		18 kg	18 kg
5 kg		6 kg	6 kg
		1.5 kg	1.5 kg

GUARANTEE

The information contained in this technical data sheet result from research and tests conducted in our Laboratories 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 guarantee the conformity of their products with their specifications but cannot guarantee 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 responsibility of AXSON is strictly limited to reimbursement or replacement of products which do not comply with the published specifications.

Annex 1

Pot life and gel time vs mix of hardeners at 25°C



Hardener EPOLAM 2017	0	7.5	15	22.5	30
Hardener EPOLAM 2018	30	22.5	15	7.5	0

Mix of hardener per hundred of resin by weight