

High Performance Composites

by **Axson**
TECHNOLOGIES

PARTS PRODUCTION

Create high performance
and large-sized parts
with Axson systems

AXSON TECHNOLOGIES has from decades of formulating epoxies, match high quality levels and properties to meet the wide scope of processing and final manufacturing application for parts of any shape and any dimension.

From these experiences acquired in various high end fields of activities, AXSON TECHNOLOGIES now offers a large range of epoxy resins featuring the important properties such as:

- Specific process adapted viscosity
- Improved wettability
- High mechanical values
- Durability
- Easy set up
- Cost efficiency

As in the other application fields, AXSON TECHNOLOGIES offers this experience to a variety of industries which includes the most demanding ones such as Automotive, Marine and Windmill.



ISO 9001



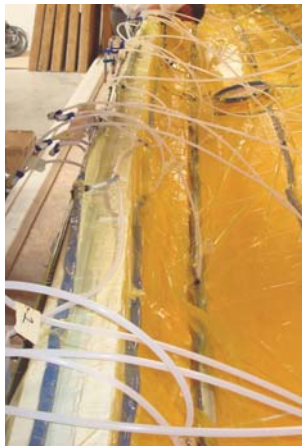
ISO 14001



2015 / 5015 systems



OPERATING 24/7



Laminating epoxy resin

	Application	Density	Tg (°C)	Pot life (mn)	Viscosity (mPa.s)
WET LAY UP					
EPOLAM 2017/2017 2017/2018	Production of composite structures by wet lay-up. High mechanical performances, wetting ability, suited viscosity. Choice of 3 hardeners, pot life from 8 min to 160 min.	.96	89 83	35' 160'	700 400
EPOLAM 2020	Variable curing time by addition of an accelerator. Good wettability. High performance composite structures by manual impregnation and vacuum injection.	1.10	80-100	2h15 to 15 min (acc. 0 to 10%)	500
EPOLAM 2022	This system is designed for the production of composite structures by impregnation, wet lay let and vacuum injection. Thermal resistance, wetting ability.	1.10	82	60'	600
FAR25 EPOLAM 2500	Production of composite parts requiring good flame resistance. Interior fittings manufacture and repair, cold to warm areas fixing.	1.21	100	90'	3500
RSF 816	Brush application in thin coats. Variable pot life through addition of Epolam 2020 accelerator. Finishing parts, glazing composite or decorative parts moulded from PU or epoxy resin when a glass finish is required.	1.10	75	30' (without acc.)	500
INFUSION					
EPOLAM 5015/5014 5015/5015 5015/5016	Parts making through infusion process. Polyvalent wetting ability 3 hardeners available from 45 mn to 225 mn.	1.10	80 82 81	45' 135' 225'	225 210 225
EPOLAM 2040/2042 2040/2047	Production of large composite parts and structures by infusion method. Low viscosity and good wetting ability. 2 hardeners available from 100 min to 300 min.	1.10	90 85	100' 300'	280 220

Densification epoxy resin

	Application	Density	Tg (°C)	Pot life (mn)	Hardness (shore)
NEW CF 160	Panel edging and local reinforcement for sandwich structures. Monocomponent.	.60	85	15	70
FAR25 CF 180		.78	125	30	85
FAR25 CF 230/238	Structures and sandwich panels edging. Bi component	.68	50	20	70
FAR25 CF 230/234		.60	55	14	65



Component prepreg

MULTIPREG E650/E720/E722	Prepreg, excellent surface finish. Vacuum bag or autoclave processable. Good mechanical properties.
MULTIPREG 8020	

AMBERCOMPOSITES

AXSON TECHNOLOGIES

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More information and downloads available on the Website: www.axson.com

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