

Evopreg EPT

Epoxy preregs for tooling applications

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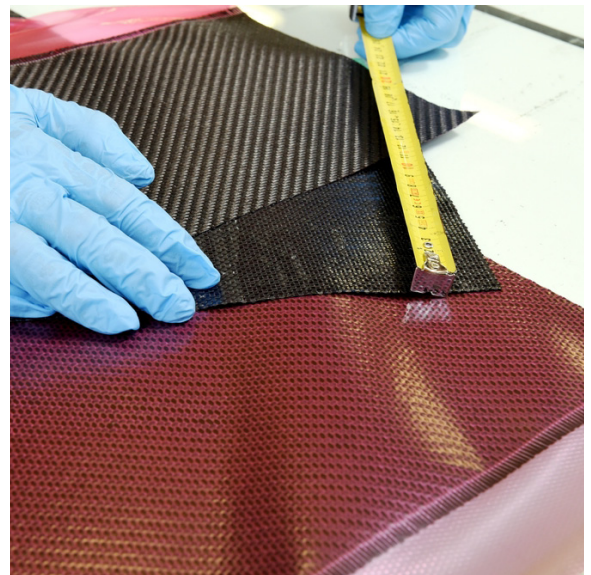
Evopreg EPT tooling preregs are a range of composite materials based on in-house formulated epoxy resin systems.

Evopreg preregs are designed for low temperature cure with high temperature performance, ease of lay-up and excellent surface finish in a range of tooling applications.

The preregs can be supplied with a range of reinforcement fibres and fabric constructions. They can be consolidated by vacuum bagging and autoclave processes.

Available Products:

- Evopreg EPT Carbon
- Evopreg EPT Flax
- Evopreg EPT Glass



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Example Prepreg Specifications

Reinforcement	Carbon 200 g/m ² Twill 3K	Carbon 650 g/m ² Twill 12K
Resin Content (by weight)	42%	38%
Tack Level	High	High
Width	1270 mm	1270 mm
Ply Thickness (cured)	0.22 mm	0.65 mm
Glass Transition Temperature - Peak DMA (following recommended cure)	215°C	215°C

Processing

Evopreg EPT prepregs can be processed using standard techniques including vacuum bagging and autoclave. Typical curing cycle 60°C for 6 hours and post cure 200°C for 8 hours. More details available on request.

Storage

Storage life at -18°C: 12 months

Outlife at 20°C: 6 days

Safety

Typical precautions should be taken when handling the material including using appropriate PPE and adequate ventilation. Please refer to safety data sheet.

The information provided here is believed to be accurate but should be considered indicative only. It is the responsibility of the customer to ensure suitability for their application prior to use.