



## **AMBER**COMPOSITES

We offer the composites market complete material solutions from product design to volume production. This includes master materials, tooling and component prepreg, backing structures and consumables.

## MAKING A MASTER

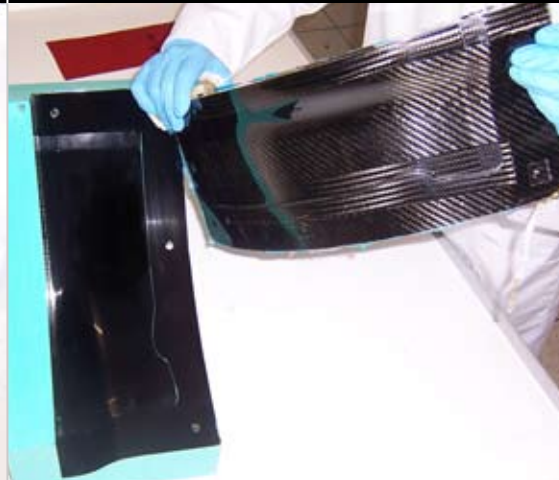
- ▶ A selection of the highest quality **tooling boards** on the market
- ▶ **Surface coats**, providing an optimum interface between epoxy tooling boards and tooling prepreg
- ▶ **Release agents** for different curing temperatures and processing environments
- ▶ Machine applied **pastes** for cost-effective production of models



Machined tooling board

## MAKING A MOLD

- ▶ High-performance **tooling prepreg**, with up to 200° C end use temperatures. Proven in automotive and aerospace applications, often specified with our component prepreg
- ▶ Aerospace qualified **vacuum bag materials** including release fabrics, breathers and bleeders, release films, vacuum bagging films, sealants, hoses and fittings, flash tapes and more
- ▶ **Backing structures** such as tooling support boards, cellite and gusset panels
- ▶ **Primers and release agents**



Prepreg mold, released from master

## MAKING A PART

- ▶ **Component prepreg** systems with a wide range of processing parameters and end-use properties
- ▶ Aluminum, Nomex®, and Kevlar® honeycomb **core materials** for a variety of applications and uses
- ▶ **Adhesive films** for bonding applications, including honeycomb core materials, providing excellent adhesive properties over a wide range of core to skin requirements.
- ▶ **Syntactic** (Amlite) & syntactic expanding (Amspan) core materials for efficient structural solutions



Automotive part made from high-performance component prepreg

## MAKING A STRUCTURE

- ▶ A full range of high-performance **adhesives** from cyanoacrylates to methyl methacrylates for full assembly and bonding of parts
- ▶ **Cellite panels** with aluminum or Nomex cores and carbon, glass, or aluminum skins in standard and custom sizes and configurations
- ▶ **Laminating resins** – for wetlay and resin infusion manufacturing processes



Composite parts bonded to a structure