



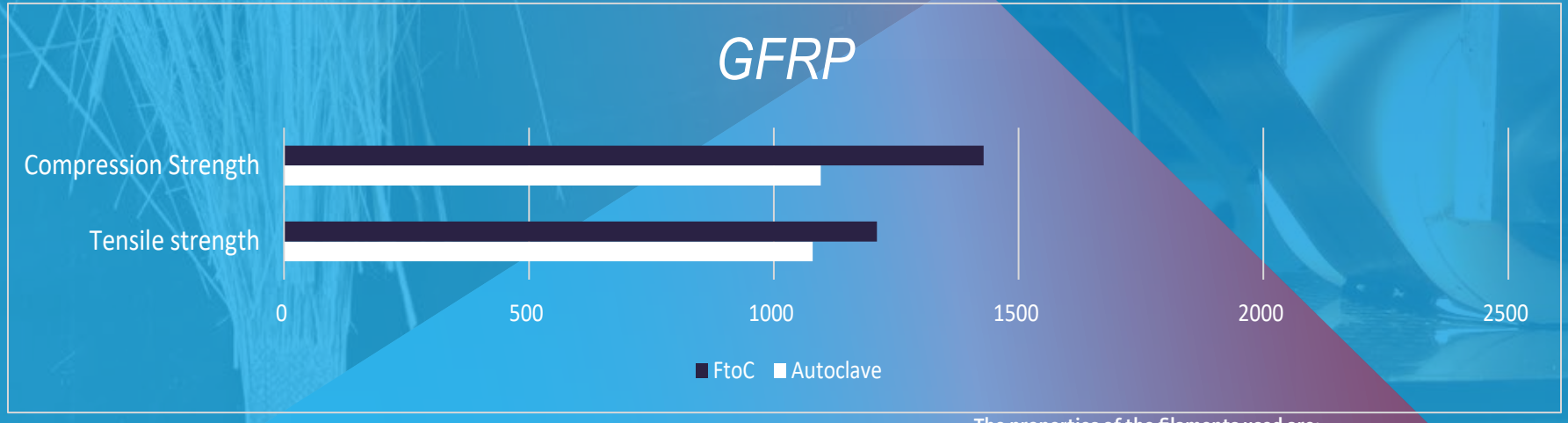
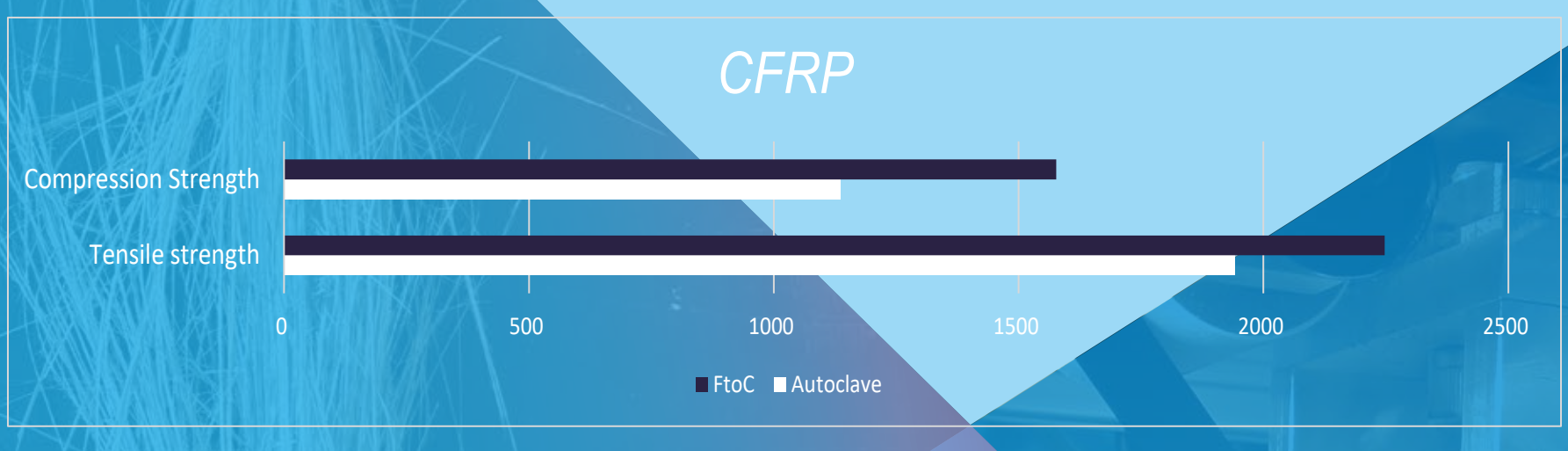
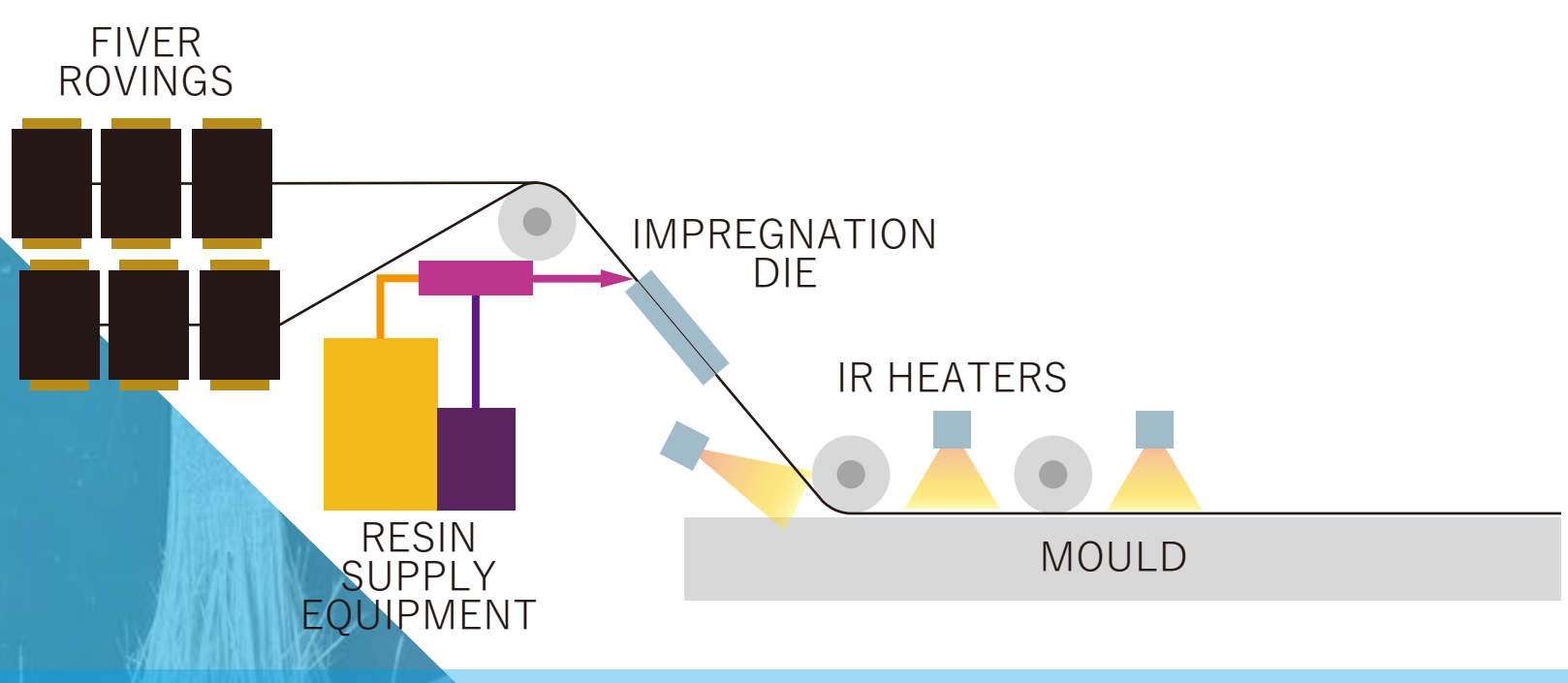
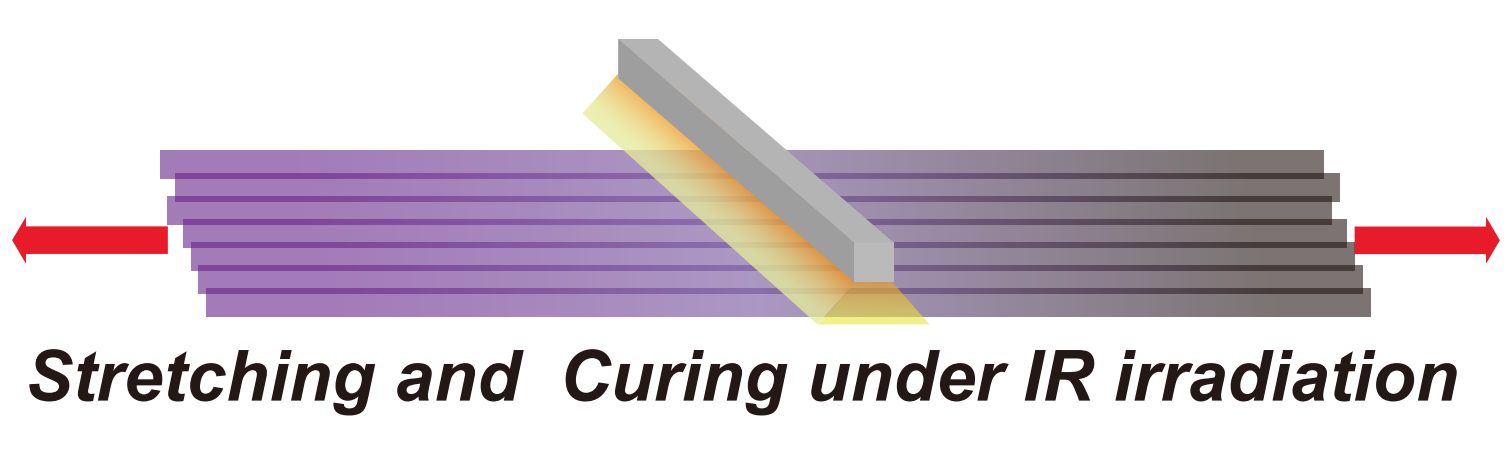
FtoC

[Fiber to Composite]

Patented Process

Curing FRP with optimal fiber tension to enhance performance.

- **Intermediate material is unnecessary**
The resin is of low viscosity and exhibits excellent impregnability, enabling rapid curing under IR irradiation.
- **The direct consolidation**
Curing ovens are unnecessary, thus allowing flexibility in size and thickness.
- **Optimising the performance**
The tensile residual stress is reduced, with no misalignment or twisting of the fibers.



The properties of the filaments used are:
E-Glass fiber: tensile strength 3450MPa tensile modulus 74GPa
24K Carbon fiber: tensile strength 4300MPa tensile modulus 250GPa

for further information
ADEKA Europe GmbH
Phone: +49 (0) 211 179245-0
E-Mail: savas@adeka.eu

