

# ADVANCED COMPOSITES

TC380 Toughened epoxy prepreg and UD tape

## NEW THERMOSET PRODUCTS FROM TENCATE ADVANCED COMPOSITES

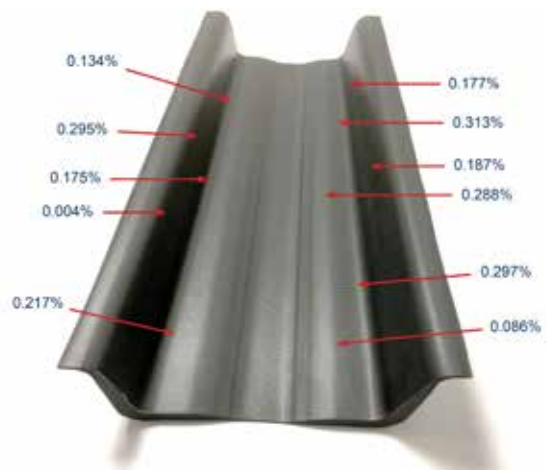
Recognised in the industry for providing optimised fibre and resin solutions, TenCate's outstanding research and development teams work to develop innovative customer-orientated product solutions for the composites industry.

### AEROSPACE

TC380 is TenCate's newest generation of epoxy resin technology. It is the culmination of over five years of development, focused specifically on meeting the evolving needs of the aerostructures market. TenCate TC380 delivers a unique combination of impact resistance and open hole compressive strength that allows for the design of highly efficient aircraft structure.

### PRODUCT BENEFITS / FEATURES

- › High Compression After Impact (CAI) 289 MPa (42 ksi)
- › Excellent open hole compressive strength 310 MPa (45 ksi)
- › Excellent hot / wet strength retention at 121°C (250°F) service temperature
- › Flexible processing methods - vacuum bag only (VBO) or autoclave
- › Exceptional out time of 28 days
- › Ideal for aerostructure applications on helicopters, UAVs and military aircraft



90 ply spar, vacuum bag processed, less than 1% voids made using TenCate TC380



Fracture toughness



Impact resistant



Please check our product data sheet for more information

[www.tencateadvancedcomposites.com](http://www.tencateadvancedcomposites.com)  
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