



TOUGHENED EPOXY PREPREG AND UD TAPE

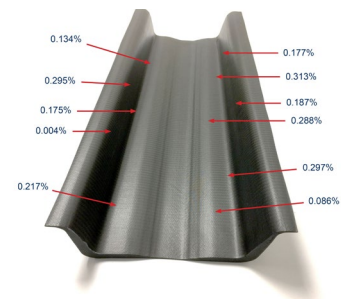
Recognized in the industry for providing optimized fiber and resin solutions, TenCate's outstanding Research and Development teams work to develop innovative customer-oriented product solutions for the composites industry.

AEROSPACE

TC380 is TenCate Advanced Composites' newest generation of epoxy resin technology. It is the culmination of over 5 years of development, focused specifically on meeting the evolving needs of the aerostructures market on helicopters, UAVs, and military aircraft. TenCate TC380 delivers a unique combination of impact resistance and open-hole compressive strength that allows for the design of highly efficient aircraft structure.

FEATURES

- › Outstanding toughness, open hole, and compression after impact properties
- › Excellent hot/wet strength retention
- › Robust processing and low voids under vacuum bag only cure pressure
- › Long out time and tack life for extended shop floor handling
- › Tack and handling qualities are well-suited to both automated and hand lay-up methods
- › Exceptional fracture toughness



91-ply spar, vacuum bag processed, with less than 1% voids, showing a high degree of consolidation



**Fracture
toughness**



**Impact
resistance**

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