

RAKU® FST EI-2508

FST Resin Infusion System for Aerospace Applications



Product Highlights

Advantages

RAKU® FST EI-2508 is a toughened low viscosity RTM resin. It features a long pot life and a low viscosity ideal for structural and non structural aircraft interiors applications.

- Excellent RTM and VARTM processing
- Compliant with FST requirements
- High mechanical properties
- Low temperature processing
- Prepreg options available



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RAKU® FST EI 2508

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RAKU® FST EI 2508 CFRP Laminate (50% FVF)

Tensile Strength	1095 MPa	ASTM D 3039
Tensile Modulus	72 GPa	ASTM D 3039
Compression Strength	620 MPa	ASTM D 6641
Compression Modulus	71 GPa	ASTM D 6641
In Plane Shear Strength	117 MPa	ASTM D 3518
In Plane Shear Modulus	4600 MPa	ASTM D 3518

Test Method to Determine the Smoke Emission Characteristics

FLAMING MODE

RAKU® FST EI 2508

Flammability	FAR 25.853 CS 25.853 Airbus ABD0031 Airbus AITM 2.0003 Airbus AITM 2.0002 A/B Boeing BSS 7230
Smoke Density	Airbus ABD0031 Airbus AITM 2.0007 Boeing BSS 7238
Smoke Toxicity	Airbus ABD0031 Airbus AITM 3.0005 Boeing BSS 7239