

ASTM C297 Tensile Strength Composite Sandwich Constructions

Applications:

The integrity of bonded joints in composite materials and sandwich constructions relies heavily on the adhesion strength between the bonded components. This fixture, designed to comply with ASTM C297, provides a standardized and reliable method for evaluating the tensile adhesion strength of these materials. By accurately measuring the force required to separate the adhesive or bonded joint, this fixture enables manufacturers and researchers to assess the performance and durability of bonded joints in various applications. The fixture's design ensures proper alignment and gripping of the test specimens, preventing unwanted bending or deformation that could influence the test results, providing accurate and repeatable data for material characterization and quality control.



Parameter:

Model	HST-ZJA104C
Standards	ASTM C297
Capacity	10kN
Specimen type	Sandwich
Specimen size	50x50xTmm
Temperature	0°C~40°C