

Dynamic Mechanical Analysis: TA Instruments RSA-G2 Solids Analyzer

Use: Characterization of mechanical properties, viscoelastic measurements of solids
Linear rate, amplitude and frequency sweeps, temperature ramps

Temperature Range: -150 °C to 500 °C
Heating Rates: 0.001 to 60 °C/min

Materials: Polymers (Cured, Solid, Foam), Polymeric Concrete, Composites, Adhesives



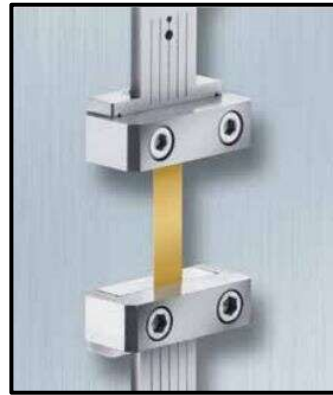
3 Point Bending
10, 25, 40 mm



Compression
8, 15, 25 mm



Dual and
Single
Cantilever



Tension
ERDC-GSL-CMB Polymer Team



Shear Sandwich
0.5, 1.0, 1.5 mm