

"... MEET ALL THE REQUIRED SPECIFICATIONS..."

ESL MAIN

CLIMATIC

CORROSION

DYNAMIC

FACILITIES

MATERIALS

PACKAGE

PRESSURE

MATERIALS TESTING

The Environmental Simulation Lab can perform a variety of Materials tests to ensure the materials used in your product meet all the required specifications, and that the finished product lives up to its specifications.

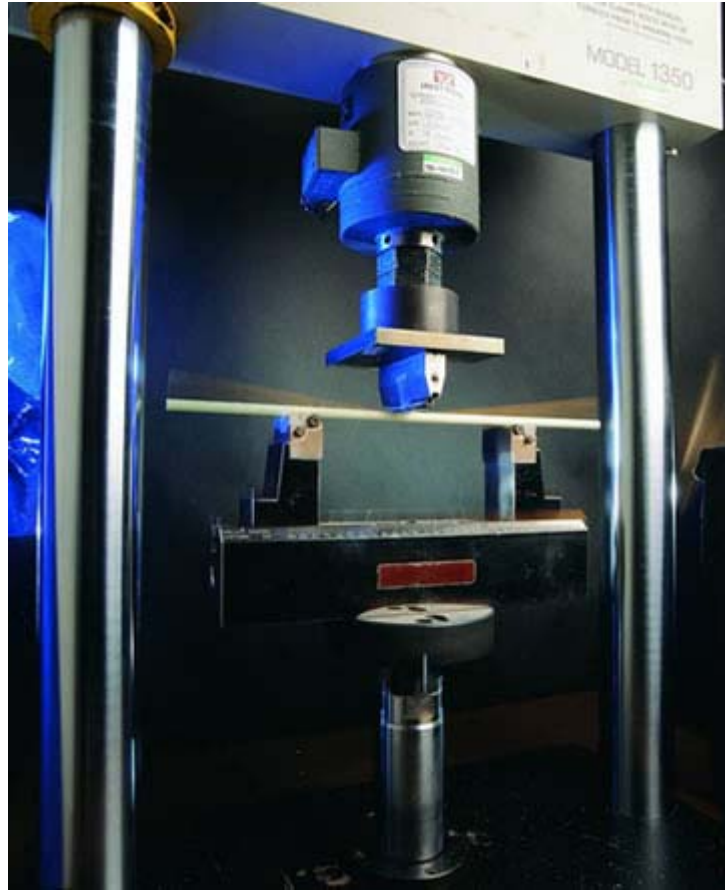
Mechanical Testing:

- Tension or Compression
from 100 to over 1,000,000
lb
- Static or cyclic loading
- Shear Testing
- Sample size to over 12 ft.
- Can be combined with
Temperatures From -80° to
over 300°C
- Bend Testing
- Drum Peel Test

Physical / Chemical Testing:

- Glass transition Temp.
- Heat Deflection Temp.
- Fibre Content

- Hardness
- Flammability
- Viscosity
- Fibre wt / volume
- Void Content
- Resin Content
- Resin Volatiles Content
- Resin flow / tack / gel time



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