

ASTM D695 Compression Testing of Rigid Plastics



Applications:

The ASTM D695 standard describes the compression test for determination of mechanical characteristics such as the Young's modulus and strength for unreinforced and reinforced plastics according to the end loading compression principle. The force is applied solely via the end faces of the test specimen. ASTM D695 can be used for fiber composites with a stiffness of up to 41 GPa, which includes glass fiber reinforced fabric composites.

Features:

Versions available to meet the following standards:

- ASTM D695 / ASTM D3846
- Boeing BSS 7260
- SACMA SRM-1
- prEN 2850
- Anti-buckling plates with cut-outs for bonded strain gauges available
- Wide temperature range
- Stainless steel construction for easy

Parameter:

Model	HST-GCTB204J
Standards	ASTMD3846,ASTM D695,EN 2850 (type B1&B2 Specimen)
Capacity	20kN
Test Types	End loading
Specimen size(LxWxT)	179.5x12.7×(2～6);(75~80)×12.5x2mm
Temperature(℃)	-70~350