



Compression Properties

COMPRESSION TEST ON RIGID PLASTICS

KEY WORDS

COMPRESSION,
STRENGTH,
ASTM D695

DESCRIPTION

The behavior of a plastic material under crushing forces is determined. This test measures key properties such as compressive strength and compressive modulus, which are essential for the design of components that must withstand loads and maintain their shape. The test is particularly important for cellular materials (foams) and for any part that functions as a spacer, support, or load-bearing structure.

AVAILABLE TECHNIQUES AND/OR EQUIPMENT

- Determination of compression properties of plastic materials according to ASTM D695 standard

APPLICATIONS

- Rigid foams
- Supports and insulators
- Structural components
- Pipes and conduits
- Building materials

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