



ASTM D-6108

Test Method for Compressive Properties of Unreinforced and Reinforced Plastic Lumber

Compression tests provide information about the compressive properties of plastic lumber and shapes when these products are used under conditions approximating those under which the tests are made. Compressive properties include modulus of elasticity, secant modulus, compressive strength, and stress at a given strain. In the case of a material that fails in compression by a shattering fracture, the compressive strength has a very definite value. In the case of a material that does not fail in compression by a shattering fracture nor exhibits a compressive yield point, the compressive strength is an arbitrary one depending upon the degree of distortion that is regarded as indicating complete failure.

Compression tests provide a standard method of obtaining data for research and development, quality control, acceptance or rejection under specifications, and specific purposes.

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ASTM Standard D6108, 2007, "Test Method for Purity by DSC," ASTM International, West Conshohocken, PA, 2007, DOI: 10.1520/D6108-03, www.astm.org.

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