



Test Specifications

Title: Hardness

ASTM Standard: D2240-97

Equipment:

Test Description:

Durometer Hardness is a standard elastomeric material property. This test is a measurement of the indentation of a standard indenter that is forced into an elastomeric material under a specific force. This test is dependent on the elastic modulus and viscoelastic properties of a material. Standard designations for different hardness scales are referred to as Shore 000, 00, A and D (000 for measuring very soft materials and D for hard materials). Values reported for hardness are dimensionless numbers. Lower values represent soft material and higher values represent harder materials within the same hardness scale (for example, Shore A = 10 is much softer than Shore A = 90).