



Designation: D 4092 – 9601

An American National Standard

Standard Terminology Relating to for: Plastics: Dynamic Mechanical Measurements on Plastics Properties¹

This standard is issued under the fixed designation D 4092; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ε) indicates an editorial change since the last revision or reapproval.

This standard has been approved for use by agencies of the Department of Defense.

1. Scope*

1.1 This terminology is a compilation of definitions and descriptions of technical terms used in dynamic mechanical property measurements on polymeric materials, including solutions, melts, and solids. Terms that are generally understood or defined adequately in other readily available sources are either not included or sources identified.

1.2 A definition is a single sentence with additional information included in notes. It is reviewed every five years and the year of the last review or revision is appended.

1.3 Definitions identical to those published by another standards organization or ASTM committee are identified with the abbreviation of the name of the organization or the ASTM committee; for example, ICTA is the International Conference on Thermal Analysis and— ISO is the International Standards Organization, Specifically ISO 472: 1988 (E/F) document.

1.4 Descriptions of terms specific to dynamic mechanical measurements are identified with an italicized introductory phrase.

NOTE 1—This terminology is similar to ISO 6721-1 1994 in title only. The ISO document cites only 13 terms and this terminology defines 49 relevant terms.

2. Referenced Documents

2.1 ASTM Standards:

D 653 Terminology Relating to Soil, Rock, and Contained Fluids²

¹ This terminology is under the jurisdiction of ASTM Committee D-20 on Plastics and is the direct responsibility of Subcommittee D20.10 on Mechanical Properties. Current edition approved ~~March~~ September 10, 1996; 2001. Published ~~July 1996~~; November 2001. Originally published as D 4092 – 82. Last previous edition D 4092 – 96.

*A Summary of Changes section appears at the end of this standard.