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Standard | Active | Last Updated: Dec 31, 2024 | Track Document

ASTM D883-24b

Standard Terminology Relating to Plastics

Scope

1.1 This terminology covers definitions of technical terms used in the plastics industry. Terms that are generally understood or adequately defined in other readily available sources are not included.

1.2 When a term is used in an ASTM document for which Committee D20 is responsible it is included only when judged, after review, by Subcommittee D20.92 to be a generally usable term.

1.3 Definitions that are identical to those published by another standards body are identified with the abbreviation of the name of the organization; for example, IUPAC is the International Union of Pure and Applied Chemistry.

1.4 A definition is a descriptive phrase or a single sentence with additional information included in discussion notes.

NOTE 1: It is recommended that definitions be reviewed periodically.

1.4.1 When a new definition is added to this terminology standard, or the wording of a definition is revised, the date of the change shall be appended to the new or revised definition.

1.5 For literature related to plastics terminology, see Appendix X1.

1.6 Subsections 1.6.1 – 1.6.5 contain references to specific terminology standards that are relevant to specific plastic products or applications. In case of conflict between a definition contained in Terminology D883 and one contained in another standard, the definition given in Terminology D883 shall prevail.

1.6.1 For terms related to thermal insulation, the applicable definitions are contained in Terminology C168.

1.6.2 For terms related to electrical or electronic insulating materials, the applicable definitions are contained in Terminology D1711.

1.6.3 For terms relating to fire, the applicable definitions are contained in Terminology E176 and ISO 13943. In case of conflict between Terminology E176 and ISO 13943, the definitions given in Terminology E176 shall prevail.

1.6.4 For terms relating to precision and bias and associated issues, the applicable definitions are contained in Terminology E456.

1.6.5 For terms related to plastic piping systems, the applicable definitions are contained in Terminology F412.

1.7 *This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.*

Version

D0883-24B Active

Language

English (United States)

Format

PDF

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Details

Book of Standards Volume: 08.01
Developed by Subcommittee: D20.92
Pages: 18
DOI: 10.1520/D0883-24B
ICS Code: 01.040.83; 83.080.01

All

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