



Designation: ~~D1786-01 (Reapproved 2006)~~<sup>ε1</sup> Designation: D1786 - 10

## Standard Specification for Toluene Diisocyanate<sup>1</sup>

This standard is issued under the fixed designation D1786; 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 ( $\epsilon$ ) indicates an editorial change since the last revision or reapproval.

~~<sup>ε1</sup>Note—Replaced reference to D 4667 with D 5629 in March 2006.~~

### 1. Scope\*

1.1 This specification covers toluene diisocyanate used as an ingredient in the production of polyurethane ~~cellular~~ materials.

NOTE 1—The properties included in this specification are those required to characterize toluene diisocyanate. Other requirements ~~may become necessary~~ are possible and will be added as the necessary test methods become available.

1.2 ~~The following precautionary caveat pertains only to the test methods portion, Section 6, of this specification: This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.~~

~~NOTE 2—There is no equivalent ISO standard.~~ 2—There is no known ISO equivalent to this standard.

### 2. Referenced Documents

#### 2.1 ASTM Standards:<sup>2</sup>

D883 Terminology Relating to Plastics

D4660 Test Methods for Polyurethane Raw Materials: Determination of the Isomer Content of Toluene diisocyanate

D4661 Test Methods for Polyurethane Raw Materials: Determination of Total Chlorine in Isocyanates

D4663 Test Method for Polyurethane Raw Materials: Determination of Hydrolyzable Chlorine of Isocyanates

D4877 Test Method for Polyurethane Raw Materials: Determination of APHA Color in Isocyanates

D5155 Test Methods for Polyurethane Raw Materials: Determination of the Isocyanate Content of Aromatic Isocyanates

D5629 Test Method for Polyurethane Raw Materials: Determination of Acidity in Low-Acidity Aromatic Isocyanates and Polyurethane Prepolymers

[ASTM D1786-10](https://standards.iteh.ai/catalog/standards/sist/0d164e45-9fef-44dd-9d65-826493d62148/astm-d1786-10)

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<sup>1</sup> This specification is under the jurisdiction of ASTM Committee D20 on Plastics and is the direct responsibility of Subcommittee D20.22 on Cellular Materials—Plastics and Elastomers.

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<sup>2</sup> For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For Annual Book of ASTM Standards volume information, refer to the standard's Document Summary page on the ASTM website.

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