



Designation: **D5606 – 09 (Reapproved 2013) D5606 – 16**

Standard Specification for Toluene for Toluene Diisocyanate (TDI) Feedstock¹

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1. Scope*

1.1 This specification covers toluene for toluene diisocyanate (TDI) feedstock.

1.2 The following applies to all specified limits in this specification: for purposes of determining conformance with this specification, an observed value or a calculated value shall be rounded off to the nearest unit in the last right-hand digit used in expressing the specification limit, in accordance with the rounding-off method of Practice [E29](#).

1.3 Consult OSHA regulations and ~~suppliers' material safety data sheets~~ supplier's Safety Data Sheets for all materials used in this specification.

1.4 The values stated in SI units are to be regarded as standard. The values given in parentheses are for information only.

2. Referenced Documents

2.1 ASTM Standards:²

[D848 Test Method for Acid Wash Color of Industrial Aromatic Hydrocarbons](#)

~~[D1209 Test Method for Color of Clear Liquids \(Platinum-Cobalt Scale\)](#)~~

[D2360 Test Method for Trace Impurities in Monocyclic Aromatic Hydrocarbons by Gas Chromatography](#)

[D3437 Practice for Sampling and Handling Liquid Cyclic Products](#)

[D5386 Test Method for Color of Liquids Using Tristimulus Colorimetry](#)

[D6526 Test Method for Analysis of Toluene by Capillary Column Gas Chromatography](#)

[D7504 Test Method for Trace Impurities in Monocyclic Aromatic Hydrocarbons by Gas Chromatography and Effective Carbon Number](#)

[D8005 Test Method for Color of Clear Liquids \(Platinum-Cobalt Scale\)](#)

[E29 Practice for Using Significant Digits in Test Data to Determine Conformance with Specifications](#)

2.2 Other Document:

[OSHA Regulations, 29 CFR paragraphs 1910.1000 and 1910.1200](#)³

¹ This specification is under the jurisdiction of ASTM Committee [D16](#) on Aromatic Hydrocarbons and Related Chemicals and is the direct responsibility of Subcommittee [D16.01](#) on Benzene, Toluene, Xylenes, Cyclohexane and Their Derivatives.

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² 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~~ standard's Document Summary page on the ASTM website.

³ Available from U.S. Government Printing Office Superintendent of Documents, 732 N. Capitol St., NW, Mail Stop: SDE, Washington, DC 20401, <http://www.access.gpo.gov>.

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