



Designation: D 4661 – 9803

Standard Test Methods for Polyurethane Raw Materials: Determination of Total Chlorine in Isocyanates¹

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1. Scope*

1.1 These test methods determine the total chlorine content of ~~the mixed isomers of toluene diisocyanate (TDI), aromatic isocyanates used as polyurethane raw materials.~~ The difference between the total chlorine content and the hydrolyzable chlorine content (see Test Method D 4663) is a measure of the amount of *o*-dichlorobenzene and other ring-substituted chlorinated products that are present. Both procedures are applicable to a variety of organic compounds but the amount of sample used may have to be varied. (See Note 1.)

1.2 The values stated in SI units are to be regarded as the standard. The values given in ~~parentheses~~ brackets are for information only.

1.3 *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. For specific hazards statements, see Notes 2, 4, 5, 6, 10, and Section 12.1: use.*

NOTE 1—There is no equivalent ISO standard.

¹ These test methods are under the jurisdiction of ASTM Committee D-20 on Plastics and are the direct responsibility of Subcommittee D20.22 on Cellular Plastics .
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