Designation: D4670 – 17

Standard Test Method for Polyurethane Raw Materials: Determination of Suspended Matter in Polyols [1]

This standard is issued under the fixed designation D4670; 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.

1. Scope*

1.1 This test method covers a procedure for visual inspection to determine the presence of insoluble foreign material in polyols.

1.2 *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 1—There is no known ISO equivalent to this standard.

2. Referenced Documents

2.1 *ASTM Standards:*[2]

D883 Terminology Relating to Plastics

3. Terminology

3.1 Terminology in this test method is in accordance with Terminology D883.

4. Significance and Use

4.1 This test method is suitable as a quality control or specification test.

5. Procedure

5.1 Invert a colorless, transparent glass bottle containing the well-mixed sample and examine by transmitted light for the presence of suspended matter.

6. Report

6.1 Report the presence or absence of suspended matter.

7. Precision and Bias

7.1 No statement is made about the precision or the bias since this test method merely states whether suspended matter is detected or not.

8. Keywords

8.1 polyols; polyurethane raw materials; suspended matter

[1] This test method 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. It was recommended to ASTM by the Center for the Polyurethanes Industry Polyurethane Raw Material Analysis Workgroup.

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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 Document Summary page on the ASTM website.

SUMMARY OF CHANGES

Committee D20 has identified the location of selected changes to this standard since the last issue (D4670 – 07(2012)$^{\varepsilon 1}$) that may impact the use of this standard. (March 1, 2017)

(1) Modified 7.1 to provide clearer instruction.

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