



Designation: D 1766 – 9601

Standard Test Method for Rubber Chemicals—Solubility¹

This standard is issued under the fixed designation D 1766; 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 practical test for the solubility of commercial chemicals used in rubber products.
- 1.2 It is not a true measure of solubility, since equilibrium is not approached from both sides, that is, higher temperature and lower temperature.
- 1.3 The test method indicates the total solubility, under the conditions of the test, of all components in the presence of each other and in the proportions present in the sample.
- 1.4 This test method does not measure the solubility of a rubber chemical in rubber.
- 1.5 The values stated in SI units are to be considered standard.
- 1.6 *This standard does not purport to address 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.*

2. Referenced Documents

- 2.1 *ASTM Standards:*

¹ This test method is under the jurisdiction of ASTM Committee D-11 on Rubber and is the direct responsibility of Subcommittee D11.11 on Chemical Analysis. Current edition approved Jan. 10, 1996. 2001. Published February 1996. January 2002. Originally issued 1960. Replaces D 1766 – 60 T. Last previous edition D 1766 – 90 (1995)ε. D 1766 – 96.