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## Standard Specification for AMS ( $\alpha$ -Methylstyrene)<sup>1</sup>

This standard is issued under the fixed designation D 6367; 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.

### 1. Scope

1.1 This specification covers AMS ( $\alpha$ -Methylstyrene).

1.2 The following applies to all 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 E 29.

1.3 Consult current OSHA regulations, suppliers’ Material Safety Data Sheets, and local regulations for all materials used in this specification.

### 2. Referenced Documents

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

D 1209 Test Method for Color of Clear Liquids (Platinum-Cobalt Scale)

~~D 2121 Test Method for Polymer Content of Styrene Monomer and  $\alpha$ -Methylstyrene~~<sup>2</sup> Test Methods for Polymer Content of Styrene Monomer and AMS (Methylstyrene)

D 3160 Test Method for Phenol Content of Cumene (Isopropylbenzene) or AMS ( ~~$\alpha$ -Methylstyrene~~)<sup>2</sup> (Methylstyrene)

D 3437 Practice for Sampling and Handling Liquid Cyclic Products

D 4590 Test Method for Colorimetric Determination of ~~p-tert-Butylcatechol~~ in p-tert-Butylcatechol In Styrene Monomer or AMS ( ~~$\alpha$ -Methylstyrene~~) (Methylstyrene) by Spectrophotometry

D 5386 Test Method for Color of Liquids Using Tristimulus Colorimetry

~~D 6144 Standard Test~~ Test Method for Analysis of AMS ( $\alpha$ -Methylstyrene) by Capillary Gas Chromatography

E 29 Practice for Using Significant Digits in Test Data to Determine Conformance with Specifications

2.2 *Other Documents:*

~~OSHA Regulations, 29CFR, paragraphs 1910.1000 and 1910.1200~~ OSHA Regulations 29CFR paragraphs 1910.1000 and 1910.1200<sup>3</sup>

### 3. Properties

3.1 AMS shall conform to the requirements shown in

Table 1.

### 4. Sampling

4.1 Sample the material in accordance with Practice D 3437.

### 5. Keywords

5.1 AMS;  $\alpha$ -Methylstyrene

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<sup>2</sup> This specification is under the jurisdiction of ASTM Committee D16 on Aromatic Hydrocarbons and Related Chemicals and is the direct responsibility of Subcommittee D16.07 on Styrene, Ethylbenzene and C9 and C10 Aromatic Hydrocarbons .

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<sup>3</sup> For referenced ASTM standards, visit the ASTM website, [www.astm.org](http://www.astm.org), or contact ASTM Customer Service at [service@astm.org](mailto:service@astm.org). For *Annual Book of ASTM Standards*, Vol 06.04, volume information, refer to the standard’s Document Summary page on the ASTM website.

<sup>4</sup> Annual Book of ASTM Standards, Vol 14.02.

<sup>5</sup> 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>.