



Designation: D 5892 – 96a00

## Standard Specification for Type IV Polymer-Modified Asphalt Cement for Use in Pavement Construction<sup>1</sup>

This standard is issued under the fixed designation D 5892; 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 specification covers asphalt cements that have been modified by the addition of an appropriate polymer for use in pavement construction. It was developed to provide a reference for specifying polymer-modified asphalt and reflects the properties of currently available commercial products. This specification is not intended to be a performance-based specification.

1.2 This specification covers asphalt cements that have been modified by dispersing non-crosslinked styrene-butadiene-styrene (SBS) block copolymers. However, any polymer may be used that will give the required test results when blended with the desired asphalt.

1.3 The following safety hazards caveat pertains only to the test methods portion, Section 6, of this specification: *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.*

### 2. Referenced Documents

#### 2.1 ASTM Standards:

D 5 Test Method for Penetration of Bituminous Materials<sup>2</sup>

<sup>1</sup> This specification is under the jurisdiction of ASTM Committee D-4, D04 on Road and Paving Materials and is the direct responsibility of Subcommittee D04.45 on Modified Asphalt Specifications.

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