



Test method T505

Softening point of bituminous and
resinous material (Ring and ball method)

NOVEMBER 2012



Revision Summary

Ed/Rev Number	Clause Number	Description of Revision	Authorisation	Date
		Safety Note revised. Generally Reformatted and Revision Summary Added.	D Dash	Sep 1999
Ed 1/ Rev2	All	Reformatted. Disclaimer added. Expanded title. Uses AS 2341.18. Disclaimer removed	J Friedrich	June 2009
Ed 2/ Rev 0	All	Reformatted RMS template	J Friedrich	November 2012

Note that Roads and Maritime Services is hereafter referred to as 'RMS'.

The most recent revision to Test method T505 (other than minor editorial changes) are indicated by a vertical line in the margin as shown here.

Test method T505

Softening point of bituminous and resinous material (Ring and ball method)

1. Scope

This test method sets out the procedure to determine the softening point of bituminous and resinous materials by the ring and ball method.

2. General

- (a) The test is applicable to the following materials:
 - (i) All types of bituminous materials including bitumen, multigrade, PMB, tar and pitch.
 - (ii) Resinous materials including thermoplastic road marking compound
- (b) The following documents are referred to in this Test Method:
 - (i) AS 2341.18 Methods of testing bituminous and related road making products - Determination of softening point (ring and ball method)
 - (ii) AG:PT/T101 Method of sampling polymer modified binders, polymers and crumb rubber
 - (iii) AG:PT/T102 Protocol for handling polymer modified binders in the laboratory

3. Apparatus, Preparation, Procedure, Calculations and Reporting

- (a) The test method is identical to AS 2341.18 except for the following amendments:
 - (i) Where required, sample and prepare PMB in accordance with AG:PT/T101 and AG:PT/T102 as appropriate
 - (ii) Include reference to this test method in the report