



Transport
Roads & Maritime
Services

Test method T1205

Flow properties of spherical glass beads

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Revision Summary

Ed/Rev Number	Clause Number	Description of Revision	Authorisation	Date
		Reformatted and Revision Summary Added	D.Dash	June 2001
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 T1205 (other than minor editorial changes) are indicated by a vertical line in the margin as shown here.

Test method T1205

Flow properties of spherical glass beads

1. Scope

This test method sets out the procedure for assessing the flow properties of glass beads after water immersion and is a measure of the extent to which the beads have been waterproofed. The procedure is identical to the Australian Standard E42-1967, (Appendix D).

2. Apparatus

- (a) A stainless steel basket (106 μm sieve mesh), 150 mm in length and 50 mm in diameter.
- (b) A filter funnel with 100 mm diameter, nominal 60o bowl with parallel stem 8 mm internal diameter, 90 mm long.
- (c) A measuring flask or cylinder with an inside diameter of 60 mm.

3. Procedure

- (a) Place 200 g of beads from the test sample in the stainless steel basket, tap the base of the basket to consolidate the beads, then submerge in the measuring flask or cylinder containing 200 ml distilled water, for 3 minutes.
- (b) Remove the basket and shake gently to dislodge any water from the outside but not enough to disturb the beads.
- (c) Hang the basket to drain for 30 minutes in perceptibly still air.
- (d) Pour the beads into a clean dry beaker tapping the sides of the basket to dislodge all beads.
- (e) Stir the beads with a spatula to uniform blending and pour into the funnel which is plugged at the outlet with the finger. The beads should flow freely through the funnel when the finger is removed. Initial agitation to start the flow through the funnel at the beginning is permissible.

Note: Disregard a few adhering beads remaining on the glass funnel.

4. Reporting

Report the result of the test as pass or fail.