

Methods of test for
Adhesives —

Part B5: Determination of gelation time

UDC 665.93:620.1 + 665.93:66.095.26"40"

Confirmed January 2011

Foreword

Gelation time, as defined in clause 3, is applicable to solvent-containing and solventless systems and provides a simple means of assessing the rate of polymerization or the efficiency of curing agents. Certain systems when fully cured may only develop very soft gels which break into lumps upon inversion of the tubes. Similar systems, at an earlier stage of polymerization, will flow evenly and this difference in behaviour may provide an adequate criterion.

With hot-melt adhesives, dwell time in the hot application equipment is important. A method for the determination of heat stability of hot-melt adhesives is given in BS 5350-H1.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, page 1 and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

Amendments issued since publication

Amd. No.	Date	Comments
5359	February 1987	Indicated by a sideline in the margin