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British Standard Method of specifying

Unsaturated polyester resin systems

British Standards Institution

Foreword

This standard has been prepared under the direction of the Plastics Standards Policy Committee and supersedes BS 3532 : 1962 which is withdrawn. In this revision four minimum properties have been identified, the limits of the nominal values prescribed and the test methods to be used specified.

In addition optional properties have been listed both for the liquid and polymerized resin systems with their methods of test, which have been aligned with ISO standards where possible.

Special British Government Service requirements are given in an appendix, which cover five types of resin. Otherwise the categorization used in the previous edition standard has been abandoned in favour of a less rigid arrangement which allows the resins to be specified in accordance with the requirements set by the user for the envisaged application.

Most resin systems have a limited shelf-life in storage, and they do ultimately undergo changes such that they become unsuitable. Viscosity increases and gel time changes with the age of the material. The time for changes to occur depends largely on the nature of the polyester system and on the conditions under which it is stored, and therefore it is important that the manufacturer's recommendations should be observed if the maximum storage life is to be obtained.

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