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SYNOPSIS

Number and Title of the Indian Standard: Doc No.: PCD 12 (15293) Plastics — Thermoplastic polyurethanes for moulding and extrusion — Part 2: Preparation of test specimens and determination of properties.

a) Scope:

This standards (Part 2) specifies the methods of preparation of test specimens and the standard test methods to be used in determining the properties of thermoplastic polyurethane moulding and extrusion materials. Requirements for handling test material and for conditioning both the test material before moulding and the specimens before testing are also given.

Procedures and conditions for the preparation of test specimens in a specified state and procedures for measuring properties of the materials from which these specimens are given. Properties and test methods which are suitable and necessary to characterize thermoplastic polyester/polyurethane and polyether/polyurethane (TPU) moulding and extrusion materials, are listed.

The properties have been selected from the general test methods in ISO 10350. Other test methods in wide use or of particular significance to these moulding and extrusion materials are also included in this part, as are the designatory properties specified in part 1.

In order to obtain reproducible and comparable test results, it is necessary to use the methods of preparation and conditioning, the specimen dimensions, and the test procedures specified in this part. Values determined are not necessarily identical to those obtained using specimens of different dimensions or prepared using different procedures.

b) Salient features of content:

This standard prescribed preparation of test specimen and method of test.

c) Types/grades/classes, if any covered in the standard:

d) Disclaimer (to be automatically provided by the program/software)