TC 61

International Standard 1060/2

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Plastics — Homopolymer and copolymer resins of vinyl chloride — Part 2 : Determination of properties

Plastiques — Résines d'homopolymères et de copolymères de chlorure de vinyle — Partie 2 : Détermination des propriétés

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 1060/2 was prepared by Technical Committee ISO/TC 61, *Plastics*.

ISO 1060/2 was first published in 1978. This second edition cancels and replaces the first edition, of which it constitutes a minor revision.

Plastics — Homopolymer and copolymer resins of vinyl chloride — Part 2 : Determination of properties

1 Scope and field of application

This International Standard specifies the preparation of the sample and the test methods to be used for the determination of the properties of homopolymers and copolymers of vinyl chloride.

ISO 1060/1 specifies a method of designation of these products.

2 References

ISO 60, *Plastics — Determination of apparent density of material that can be poured from a specified funnel.*

ISO 174, *Plastics — Determination of viscosity number of PVC resins in dilute solution.*

ISO 291, *Plastics — Standard atmospheres for conditioning and testing.*

ISO 1068, *Plastics — PVC resins — Determination of compacted apparent bulk density.*

ISO 1158, *Plastics — Vinyl chloride homopolymers and copolymers — Determination of chlorine.*

ISO 1159, *Plastics — Vinyl chloride-vinyl acetate copolymers — Determination of vinyl acetate.*

ISO 1264, *Plastics — Homopolymer and copolymer resins of vinyl chloride — Determination of pH of aqueous extract.*

ISO 1269, *Plastics — Homopolymer and copolymer resins of vinyl chloride — Determination of volatile matter (including water).*

ISO 1270, *Plastics — PVC resins — Determination of ash and sulphated ash.*

ISO 1624, *Plastics — Vinyl chloride homopolymer and copolymer resins — Sieve analysis in water.*

ISO 2555, *Resins in the liquid state or as emulsions or dispersions — Determination of Brookfield RV viscosity.*

ISO 3219, *Plastics — Polymers in the liquid, emulsified or dispersed state — Determination of viscosity with a rotational viscometer working at defined shear rate.*

ISO 4574, *Plastics — PVC resins for general use — Determination of hot plasticizer absorption.*

ISO 4575, *Plastics — Polyvinyl chloride pastes — Determination of apparent viscosity using the Severs rheometer.*

ISO 4608, *Plastics — PVC resins for general use — Determination of plasticizer absorption at room temperature.*

ISO 4610, *Plastics — Vinyl chloride homopolymer and copolymer resins — Sieve analysis using an air-jet sieve apparatus.*

ISO 4612, *Plastics — PVC paste resins — Preparation of a paste.*

ISO 6186, *Plastics — Determination of pourability.*

ISO 6401, *Plastics — Homopolymer and copolymer resins of vinyl chloride — Determination of residual vinyl chloride monomer — Gas chromatographic method.*

3 Sample

3.1 Sampling

Take a representative sample of the homopolymer or copolymer as delivered.

3.2 Conditioning

Condition the sample in accordance with the specified test method. If no specifications concerning conditioning are given in the test method, condition the sample for at least 24 h at 23 °C and 50 % relative humidity in accordance with ISO 291.

3.3 Test conditions

Conduct tests in the standard laboratory atmosphere of 23 °C and 50 % relative humidity in accordance with ISO 291, unless otherwise specified in the test method.