
**Plastics piping systems for hot
and cold water installations —
Polypropylene (PP) —**

**Part 1:
General**

AMENDMENT 1: Impact test

*Systèmes de canalisations en plastique pour les installations d'eau
chaude et froide — Polypropylène (PP) —*

Partie 1: Généralités

<https://standards.iteh.ai/AMENDMENT 1: Essai de choc>



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This document was prepared by Technical Committee ISO/TC 138, *Plastics pipes, fittings and valves for the transport of fluids*, Subcommittee SC 2, *Plastics pipes and fittings for water supplies*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 155, *Plastics piping systems and ducting systems*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

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Normative references

Add the following reference:

ISO 179-1, *Plastics — Determination of Charpy impact properties — Part 1: Non-instrumented impact test*

Clause 5

Add the following text as a new subclause 5.2 and renumber the subsequent subclauses in Clause 5:

5.2 Material characteristics

The material from which components are manufactured shall conform to the requirements given in Table 2.

Table 2 — Material characteristics of PP

| Characteristics | Requirements ^b | Test parameters | | Test method |
|---|---------------------------|------------------|---------|---------------|
| Charpy impact resistance ^a | ≥ 4 kJ/m ² | Test temperature | 0 °C | ISO 179-1 |
| | | Test pieces | Notched | ISO 179-1/1eA |
| ^a After 7 days of injection/machining. | | | | |
| ^b This requirement does not apply to PP-H materials. | | | | |