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**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*

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

## Part 1: General

### AMENDMENT 1: Impact test

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