SIST

SLOVENSKI STANDARD
SIST EN ISO 15876-2:2017/oprA1:2020

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Cevni sistemi iz polimernih materialov za napeljave z vročo in hladno vodo - Polibuten (PB) - 2. del: Cevi - Dopolnilo A1 (ISO 15876-2:2017/DAM 1:2020)

Plastics piping systems for hot and cold water installations - Polybutene (PB) - Part 2: Pipes - Amendment 1 (ISO 15876-2:2017/DAM 1:2020)

Kunststoff-Rohrleitungssysteme für die Warm- und Kaltwasserinstallation - Polybuten (PB) - Teil 2: Rohre - ÄNDERUNG 1 (ISO 15876-2:2017/DAM 1:2020)

Systèmes de canalisations en plastique pour les installations d'eau chaude et froide Polybutène (PB) Partie 2: Tubes Amendement 1 (ISO 15876-2:2017/DAM 1:2020)

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23.040.20	Cevi iz polimernih materialov	Plastics pipes
91.140.60	Sistemi za oskrbo z vodo	Water supply systems

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DRAFT AMENDMENT

ISO 15876-2:2017/DAM 1

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Plastics piping systems for hot and cold water installations — Polybutene (PB) —

Part 2: Pipes

AMENDMENT 1

Systèmes de canalisations en plastique pour les installations d'eau chaude et froide — Polybutène (PB) —

Partie 2: Tubes

AMENDEMENT 1

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This document was prepared by the European Committee for Standardization (CEN) Technical Committee CEN/TC 155, Plastics piping systems and ducting systems, in collaboration with ISO 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 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 — Polybutene (PB) —

Part 2: Pipes

AMENDMENT 1

Page 1, Normative references

Replace the reference to ISO 15876-1:2003 with the following:

ISO 15876-1, *Plastics piping systems for hot and cold water installations - Polybutene (PB) - Part 1: General*

Page 8, Table 3

Replace Table 3 with the new Table 3 below, where larger dimensions (180 mm to 250 mm) have been added. The dimensions of 12 mm to 160 mm have been unchanged from the ISO 15876-2:2017 version.

Table 3 — Pipe dimensions for dimension class A (sizes conform to ISO 4065 and are applicable for all classes of service conditions)

Dimensions in millimetres

Nominal size DN/OD	Nominal outside diameter	Mean outside diameter		Pipe series					
				S 10	S 8	S 6,3	S 5	S 4	S 3,2
				Wall thicknesses					
	d_n	$d_{em,min}$	$d_{em,max}$	e_{min} and e_n					
12	12	12,0	12,3	1,3[a]	1,3[a]	1,3[a]	1,3[a]	1,4	1,7
16	16	16,0	16,3	1,3	1,3	1,3	1,5	1,8	2,2
20	20	20,0	20,3	1,3	1,3	1,5	1,9	2,3	2,8
25	25	25,0	25,3	1,3	1,5	1,9	2,3	2,8	3,5
32	32	32,0	32,3	1,6	1,9	2,4	2,9	3,6	4,4
40	40	40,0	40,4	1,9	2,4	3,0	3,7	4,5	5,5
50	50	50,0	50,5	2,4	3,0	3,7	4,6	5,6	6,9
63	63	63,0	63,6	3,0	3,8	4,7	5,8	7,1	8,6
75	75	75,0	75,7	3,6	4,5	5,6	6,8	8,4	10,3
90	90	90,0	90,9	4,3	5,4	6,7	8,2	10,1	12,3
110	110	110,0	111,0	5,3	6,6	8,1	10,0	12,3	15,1
125	125	125,0	126,2	6,0	7,4	9,2	11,4	14,0	17,1
140	140	140,0	141,3	6,7	8,3	10,3	12,7	15,7	19,2
160	160	160,0	161,5	7,7	9,5	11,8	14,6	17,9	21,9
180	180	180,0	181,7	8,6	10,7	13,3	16,4	20,1	24,6
200	200	200,0	201,8	9,6	11,9	14,7	18,2	22,4	27,4
225	225	225,0	227,1	10,8	13,4	16,6	20,5	25,2	30,8
250	250	250,0	252,3	11,9	14,8	18,4	22,7	27,9	34,2

[a] non-preferred wall thickness of 1,1 mm is permitted for dimension d_n = 12.

Page 9, Table 7

Replace Table 7 with the new Table 7 below, where wall thicknesses for larger dimensions (greater than 33,0 mm) have been added. The wall thicknesses up to 22,0 mm have been unchanged from the ISO 15876-2:2017 version.

Table 7 — Tolerance on wall thicknesses

Dimensions in millimetres

Minimum wall thickness e_{min}		Tolerance[a] x	Minimum wall thickness e_{min}		Tolerance[a] x
>	≤		>	≤	
1,0	2,0	0,3	21,0	22,0	2,3
2,0	3,0	0,4	22,0	23,0	2,4
3,0	4,0	0,5	23,0	24,0	2,5
4,0	5,0	0,6	24,0	25,0	2,6
5,0	6,0	0,7	25,0	26,0	2,7
6,0	7,0	0,8	26,0	27,0	2,8
7,0	8,0	0,9	27,0	28,0	2,9
8,0	9,0	1,0	28,0	29,0	3,0
9,0	10,0	1,1	29,0	30,0	3,1
10,0	11,0	1,2	30,0	31,0	3,2
11,0	12,0	1,3	31,0	32,0	3,3
12,0	13,0	1,4	32,0	33,0	3,4
13,0	14,0	1,5	33,0	34,0	3,5
14,0	15,0	1,6	34,0	35,0	3,6
15,0	16,0	1,7			
16,0	17,0	1,8			
17,0	18,0	1,9			
18,0	19,0	2,0			
19,0	20,0	2,1			
20,0	21,0	2,2			

[a] The tolerance is expressed in the form $^{+x}_{0}$ mm, where "x" is the value of the tolerance given. The level of the tolerances conforms to Grade V in ISO 11922-1.

Page 13, A.2, first paragraph

Replace the paragraph with the following:

The design stress, σD, for a particular class of service conditions (application class) is calculated from Formula (1) or Formula (2) and Formula (3) (see 4.2) using Miner's rule in accordance with ISO 13760 and taking into account the applicable class requirements given in of ISO 15876-1:2017, Table 1 and the service coefficients given in Table A.1.