



BULGARKONTROLA S.A.

**CARGO & DAMAGE SURVEYS, LABORATORY ANALYSES,
CONFORMITY ASSESSMENT & TECHNICAL INSPECTIONS,
MANAGEMENT SYSTEMS, ORGANIC CERTIFICATION**

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CERTIFICATE OF CONFORMITY

14 – НУРВСПРБ – 3682

Issued in accordance with Art. 14, par.1 and par.2 of the Regulation № ПД-02-20-1 on 05.02.2015 on the terms and conditions for use of construction products in the construction of the Republic of Bulgaria on Ministry of Regional Development and Public Works for the **construction product**

**Pipes made of polyethylene raised temperature resistance
(PE-PT, type II) with external barrier layer (evoh)
trademark "mplast"**

Are designed for the construction of heating systems
with constant operating water temperature up to 70⁰ C and maximum temperature up to 80⁰ C,
in product range, dimensions, and evaluated characteristics
in accordance with the national requirements as per Supplement № 1 to this Certificate.

released on the market by

Mplast Ltd

**3, Asenovgradsko shose str., Plovdiv 4023, Bulgaria
ID 115801916**

manufactured by

Mplast Ltd

3, Asenovgradsko shose str., Plovdiv 4023, Bulgaria

This certificate certifies that the product has been evaluated
and meets the national requirements set out in

BDS EN ISO 22391-2:2010

*and item 6.6.1 of Annex 3 to item 2 of Order № 02-14-1329 from 03.12.2015
of the Minister of Regional Development and Public Works*

The Certificate was issued for first time on **10/06/2022** and remains **valid until 09/06/2025**, provided that the manufacturer ensures consistency of product characteristics and the conditions of production or production control have not been changed significantly.

Place: Sofia

Date: 10/06/2022

Director of "Conformity Assessment" Dept.

[Signature]
/T. Lyubenova/

BULGARKONTROLA S.A.– Sofia with identification number 14
of the Register of Ministry of Regional Development and Public Works
Permit № ПООСП-14 on 15.09.2016, issued by Ministry of Regional Development and Public Works



1. Product range and dimensions

Product range	Cod	S	Външен диаметър dn / mm клас А	Външен диаметър dn / mm клас С
Pipes made made of polyethylene raised temperature resistance (PE-PT, type II), with external barrier layer (evoh) Color: external layer red/ internal layer white	PE1.(dn) S35	3,5	-	16÷20
	PE2.(dn) CS4	4	16÷63	-

2. Evaluated characteristics in accordance with the national requirements

Characteristics	Requirement to declare / border level
Appearance	Smooth and clean surface without pores, According to item 5.1 of BDS EN ISO 22391–2:2010
Color	external layer red/ internal layer white
Geometrical characteristics, mm	Group 1: dn 16÷dn 63 mm for Class A Group 1: dn 16÷dn 20 mm for Class C According to item 6.2, table 3,6,7 of BDS EN ISO 22391–2:2010
Hydrostatic strength, (95 °C/165 h)	no leaks and punctures more than 165 h According to item 7, table 9 of BDS EN ISO 22391–2:2010
Melt mass - flow rate (MFR), g/10min 190 °C/ 5 kg	± 30 % between MFR the raw material and the pipe According to item 8, table 101 of BDS EN ISO 22391–2:2010
Longitudinal revision, %	≤ 2 % without damage According to item 8, table10 of BDS EN ISO 22391–2:2010

Place: Sofia
Date: 10/06/2022

Director of "Conformity Assessment" Dept. 
/T. Lyubenova/

