



**GROUP OF TESTING LABORATORIES**  
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**FIRE TESTING LABORATORY (LP)**



## REACTION TO FIRE CLASSIFICATION REPORT IN ACCORDANCE WITH EN 13501-1:2007

Contract no. NP-03504.1/A/2009/BP

<b>Sponsor:</b>	<b>POLIPLAST Sp. z o.o.</b> <b>ul. Energetyczna 6</b> <b>56-400 Oleśnica</b>
<b>Prepared by:</b>	<b>Building Research Institute; 1, Filtrowa str.</b> <b>00-611 Warszawa, Poland</b>
<b>Product name:</b>	<b>Polypropylene pipes with trade name POLIphon</b>
<b>Classification report No.:</b>	<b>NP-03504.1/09/BP</b>
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This classification report consists of three pages and enclosure and may only be used or reproduced in its entirety.

### 1. Introduction

This classification report defines the classification assigned to polypropylene pipes with trade name POLIphon in accordance with the procedures given in EN 13501-1:2007.

### 2. Details of classified product

#### 2.1 General

The product is defined as polypropylene pipes.

## 2.2 Product description

The product, is described below.

Product description:

Pipes with trade name POLIphone are made from polypropylene mineral reinforced, with three layers structures of walls.

The minimum thickness of pipes wall is 5,5 mm.

Polypropylene pipes with trade name POLIphone are produced by POLIPLAST Sp. z o.o..

## 3. Test reports & test results in support of classification

### 3.1 Test reports

Name of laboratory	Name of sponsor	Test report no.	Test method
Fire Testing Laboratory of ITB	POLIPLAST Sp. z o.o.	LP-03504/23-6/09	PN-EN ISO 11925-2

### 3.2 Test results

Test method	Parameter	Number of tests	Results	
			Continuous parameter – mean (m)	Compliance with parameters
PN-EN ISO 11925-2 Surface and edge exposure exposure time 30 s Polypropylene pipes with trade name POLIphone	$F_s \leq 150$ mm	6	(–)	Y
	Flaming Droplets/particles		(–)	N
(–): do not concern Y: Yes N: No				

## 4 Classification and field of application

### 4.1 Reference of classification

This classification has been carried out in accordance with EN 13501-1:2007.

### 4.2 Classification

The products, polypropylene pipes with trade name POLIphon, in relation to its reaction to fire behaviour are classified:

**E**

The format of the reaction to fire classification for construction products excluding floorings and linear pipe thermal insulation products is:

Fire behaviour
<b>E</b>

i.e.: E

## Reaction to fire classification: E

### 4.3 Field of application

This classification is valid for the following product parameters:

- Polypropylene pipes with trade name POLIphone described in point 2.2 this classification report.

### 5 Limitations

This classification given remains valid as long as:

- test method remains unchanged,
- product standard or technical approval remains unchanged,
- constructional or material modifications do not exceed limits of the field of application defined in 4.3.

This classification report has been issued in two copies. Additional signed copies can be issued by Fire Research Department of ITB on the request of the report's owner only.

This classification document does not represent type approval or certification of the product.

#### SIGNED

  
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