



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

Sponsor: Krah Pipes OÜ
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Product: HDPE pipe

Classification report No: VTT-S-9933 -10

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This classification report consists of three pages and may be used or reproduced in its entirety.



1 Introduction

This classification report defines the classification assigned to the product HDPE pipe in accordance with the procedures given in EN 13501-1:2007.

2 Details of classified product

2.1 General

The product HDPE pipe is defined as plastic piping systems for non-pressure underground drainage and sewerage. This classification is valid for end use application in construction works.

2.2 Product description

The product HDPE pipe is described below.

Product: HDPE pipe helically wound with smooth internal and profiled external surface for non-pressure underground drainage and sewerage, for ventilation system, inside surface covered with Cabelec XS6132, non fire retardants

Manufacturer: KRAH PIPES OÜ

Marking on pipe: KRAH PIPES; PR42-001.88; EE; EN13476-3; DN/ID600; SN8; RF30; PEHD; U

3 Test reports and test results in support of classification

3.1 Test reports

Name of laboratory	Name of sponsor	Test reports	Test method
VTT Expert Services Ltd	Krah Pipe OÜ	VTT-S-9932-10	EN ISO 11925-2:2002

3.2 Test results

Test method	Parameter	Number of tests	Continuous parameter mean	Compliance parameters
EN ISO 11925-2 surface flame attack 15 s exposure	$F_s \leq 150$ mm	6	-	Y
flaming droplets/particles	ignition of the filter paper	6	-	Y
EN ISO 11925-2 edge flame attack 30 s exposure	$F_s \leq 150$ mm	6	-	Y
flaming droplets/particles	ignition of the filter paper	6	-	Y



The test results relate only to the sample tested.

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 product HDPE pipe in relation to its reaction to fire behaviour is classified:

E

4.3 Field of application

This classification is valid for all end use conditions.

5 Limitations

This classification report does not represent type approval or certification of the products.

Espoo, 13 December 2010



Tiina Ala-Outinen
Service Manager



Tiia Ryyänen
Senior Research Scientist

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The test results relate only to the sample tested.