

# SINTEF Product Certificate

## No. 3170

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Provided listed on

[www.sintefcertification.no](http://www.sintefcertification.no)

SINTEF confirms that

## Ostendorf PP-HT Safe wastewater pipes and fittings

complies with the requirements in

- › EN 1451-1
- › DIN 4102-1 (\*)



### Certificate holder

Gebr. Ostendorf Kunststoffe GmbH  
Rudolf-Diesel-Str. 6-8  
49377 Vechta, Germany

### Manufacturer

Gebr. Ostendorf Kunststoffe GmbH  
Rudolf-Diesel-Str. 6-8  
49377 Vechta, Germany

### Factory production control

The manufacturing of the product is subject to factory production control in accordance with the provisions in EN ISO/IEC 17065.

### Product description

Ostendorf wastewater pipes and fittings made of PP-HT Safe.

The pipes and fittings are delivered in the following dimensions: DN 32, DN 40, DN 50, DN 75, DN 90, DN 110, DN 125 and DN 160

Range of application: B

The ring stiffness is minimum  $\geq 4,0 \text{ kN/m}^2$ .

Flame retardant (B1) according to DIN 4102-1.

### Performance requirements in TEK

#### Load

Wastewater installations shall withstand both inner and outer loads and chemical influences. Impact resistance tests and temperature cycling tests are performed on the product.

#### Watertightness

Wastewater installations shall have sufficient tightness against leakages. The pipes are tested for a hydrostatic pressure of 0,5 bar. The fittings are tested for a hydrostatic pressure of 0,1 bar.

### Other requirements

#### Marking

The product may be marked with the SINTEF certification mark as shown above. The mark may also be used on packaging and marketing materials concerning the certified product.



Anne-Jorunn Enstad  
Certification Manager

