

## Material Data Sheet : PPMS

**Application :** *Convoluté and smooth tubing*

**Material:**

- **PPMS : Polypropylene Heat Stabilized**

**Color Available :** Black, Orange, Blue (RAL 5005)

**General properties :**

Property	Test method	Value
Maximum service temperature	3000h	125°C
Maximum peak temperature	500h	150°C
Specific gravity	ISO 1183	0.91 g/cm <sup>3</sup>

**Mechanical properties :**

Property	Test method	Value
Tensile stress at yield	ISO 527	25 MPa
Tensile stress at break	ISO 527	30 MPa
Elongation at yield	ISO 527	11 %
Elongation at break	ISO 527	500 %

**Thermal properties :**

Property	Test method	Value
HDT @ 0.45 MPa	ISO 75/B	80°C
Flammability	FMVSS 302	<102 mm/min
	D45-1333	E type

*This material must be compliant with **ELV directive 2000/53/EC and its Annexes**. A maximum concentration value up to 0.1% by weight and per homogeneous material for lead, hexavalent chromium and mercury and up to 0.01% by weight per homogeneous material for cadmium shall be tolerated provided these substances are not intentionally introduced. No intentionally introduced amount is tolerated.*

*The data listed here falls within normal range of properties, but they should not be used for setting specific limits or used as a basis for design. The applications and conditions for use of this product including technical assistance and information are beyond our control. Users of this product are responsible for evaluating this product to ensure their own satisfaction that it is suitable for their intended uses. All information is given without warranty or guarantee. Before working with this product, users must read and familiarize themselves with the available health, safety and environmental information that is available regarding product hazards, proper use and handling.*

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