



# ELTEX<sup>®</sup> TUB220-RT

## Product Technical Information

ELTEX<sup>®</sup> TUB220-RT is a natural polyethylene resin meeting Type II PE-RT (Polyethylene of Raised Temperature Resistance) requirements according to EN ISO 24033.

ELTEX<sup>®</sup> TUB220-RT provides a step-out performance with a unique combination of properties between mechanical performance at elevated temperature, pipe flexibility and superior processing behaviour.

This PE-RT type II material is well suited for both monolayer and multilayer plastic or metal composite pipes

## Applications

- Underfloor and wall heating & cooling
- Industrial pipes and fittings

Properties	Conditions	Test Methods	Values	Units
<b>Physical</b>				
Density ISO 1872-1	23°C	ISO 1183-2	937	kg/m <sup>3</sup>
Melt Flow Rate	190°C/2.16Kg	ISO 1133-1	1.2	g/10min
<b>Mechanical*</b>				
Tensile Strength at Yield	23°C, 50 mm/min	ISO 527-2	18	MPa
Tensile strength at break	23°C, 50 mm/min	ISO 527-2	54	MPa
Tensile strain at Break	23°C, 50 mm/min	ISO 527-2	>500	%
Tensile Modulus	23°C, 1 mm/min	ISO 527-2	700	MPa

**Data should not be used for specification work**



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## Storage

The product should be stored in a dry and dust free environment at temperature below 50°C. Exposure to direct sunlight should be avoided as this may lead to product deterioration. It is advised to process the product within maximum one year after delivery.

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## Regulatory Information

The product and uses described herein may be subject to specific requirements or limitations for use in certain applications like food contact, drinking water or medical devices. Further information may be obtained from the website [www.ineos.com](http://www.ineos.com) where a specific Regulatory Certificate is available for each grade under the heading "SDS & Regulatory Certificate".

Unless specifically indicated, the product mentioned herein is not suitable for applications in the medical or pharmaceutical sectors.

## Health and Safety Information

The product described herein may require precautions in handling. The available product health and safety information for this material is contained in the Safety Data Sheet (SDS) that may be obtained from the website [www.ineos.com](http://www.ineos.com). Before using any material, a customer is advised to consult the SDS for the product under consideration for use.

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