



Eltex® TUB220-RT

Product Technical Information

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

Eltex® 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
- Plumbing & drinking water supply
- Industrial pipes and fittings

Properties	Conditions	Test Methods	Values	Units
Physical				
Density ISO 1872-1	23°C	ISO 1183-2	937	kg/m ³
Melt Flow Rate	190°C/2.16Kg	ISO 1133-1	1.2	g/10min
Mechanical*				
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				

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.