



# Eltex® TUB124N2025

## Product Technical Information

**Eltex® TUB 124N2025** is a high-density polyethylene copolymer designed for the extrusion of large diameter pipes for water applications. It is classified PE 100 in accordance with ISO 12162 based on ISO 9080 analysis.

### Characteristics

- PE 100 Blue pipe compound

### Applications

- Drinking Water

Properties	Test Method	Value	Units
<b>Physical</b>			
Density (pigmented)	ISO 1183/A	950	kg/m <sup>3</sup>
Melt Flow Rate (5 kg/190°C, Condition T)	ISO 1133	0.3	g/10min
<b>Mechanical</b>			
Tensile Strength @ Yield (23°C @ 50 mm/min)	ISO 527-2	25	MPa
Tensile Elongation @ Break (23°C @ 50 mm/min)	ISO 527-2	> 350	%
Tensile Modulus (23°C @ 1 mm/min)	ISO 527-2	1100	MPa
<b>Thermal</b>			
VICAT Softening Point (1 kg)	ISO 306	127	°C
Thermal Stability (OIT, 210°C)	ISO 11357-6	>20	min
<b>Pigmentation</b>			
Pigment Dispersion	ISO 18553	<3	Grade

The values given are typical values measured on the product. These values should not be considered as specifications.



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## 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 Material Safety Data Sheet (MSDS) that may be obtained from the website [www.ineospolyolefins.com](http://www.ineospolyolefins.com). Before using any material, a customer is advised to consult the MSDS for the product under consideration for use.

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