ELTEX® TUB124N2025

Product Technical Information

ELTEX® TUB124N2025 is a high-density polyethylene copolymer designed for the extrusion of large diameter pipes for water applications. It is classified PE100 in accordance with ISO 12162 based on ISO 9080 analysis.

Characteristics

- Blue PE100 **(RAL 5002)** pipe compound

Applications

- Drinking Water

Properties	Conditions	Test Methods	Values	Units
Rheological				
Melt Flow Rate	190°C/5 kg	ISO 1133-1	0.3	g/10min
Physical				
Density	pigmented, 23°C, conditioning ISO 17855-1	ISO 1183-1	950	kg/m³
Thermal				
Oxidation Induction Time (OIT)	210°C	ISO 11357-6	>20	min
Pigmentation				
Pigment Dispersion		ISO 18553	<3	Grade
Mechanical				
Tensile Strength at Yield	23°C, 50 mm/min	ISO 527-2	25	MPa
Tensile Strain at Break	23°C, 50 mm/min	ISO 527-2	>350	%
Tensile Modulus	23°C, 1 mm/min	ISO 527-2	1100	MPa
Vicat Softening Temperature	Under 1kg	ISO 306	127	°C

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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