

Eltex® TUB124N2025

High Density Polyethylene Copolymer

INEOS Olefins & Polymers Europe

Message:

Eltex® TUB 124 N2025 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

General Information	
Features	Copolymer
Uses	Piping
Agency Ratings	ISO PE 100 ISO 12162 based on ISO 9080 analysis
RoHS Compliance	Contact Manufacturer
Appearance	Blue
Forms	Pellets
Processing Method	Extrusion Pipe Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.950	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	0.30	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	1100	MPa	ISO 527-2/1
Tensile Stress (Yield, 23°C)	25.0	MPa	ISO 527-2/50
Tensile Strain (Break, 23°C)	> 350	%	ISO 527-2/50
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	127	°C	ISO 306/A
Thermal Stability - OIT (210°C)	> 20	min	ISO 11357-6
Pigment Dispersion ¹	< 3.00		ISO 18553

NOTE

1. Grade

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