

Eltex® TUB125N2025

High Density Polyethylene Copolymer

INEOS Olefins & Polymers Europe

Message:

Eltex® TUB 125 N2025 is a high-density polyethylene copolymer designed for the extrusion of pipes for gas applications. It is classified PE 100 in accordance with ISO 12162 based on ISO 9080 analysis.

Characteristics:

PE 100 Orange pipe compound

Applications:

Gas

General Information	
Features	Copolymer
Uses	Piping system
	Natural gas transmission and distribution
Agency Ratings	ISO PE 100 ISO 12162 based on ISO 9080 analysis
RoHS Compliance	Contact manufacturer
Appearance	Orange
Forms	Particle
Processing Method	Pipeline extrusion molding
	Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.952	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

Additional Information

Density, ISO 1183A, 23°C, pigmented: 952 kg/m³ Thermal Stability, ISO 10837, 210°C, OIT: > 20 min Pigment Dispersion, ISO 18553: < 3 Grade

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

