

Eltex® TUB131N2010

High Density Polyethylene Copolymer

INEOS Olefins & Polymers Europe

Message:

Eltex® TUB 131 N2010 is a high-density polyethylene copolymer designed for the extrusion of pressure pipes. It is classified PE 80 in accordance with ISO 12162 based on ISO 9080 analysis.

Characteristics:

PE 80 Black pipe compound

Applications:

Gas

Water

General Information	
Additive	Carbon Black (2%)
Features	Copolymer
Uses	Natural Gas Distribution
	Piping
Agency Ratings	ISO 9080 PE 80 ISO 12162
RoHS Compliance	Contact Manufacturer
Appearance	Black
Forms	Pellets
Processing Method	Extrusion
	Pipe Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.954	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	0.45	g/10 min	ISO 1133
Carbon Black Content	2.0 to 2.5	%	ISO 6964
Carbon Black Dispersion ¹	< 3		ISO 18553
Thermal Stability - OIT (210°C)	> 20	min	ISO 11357-6
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	950	MPa	ISO 527-2/1
Tensile Stress (Yield, 23°C)	22.0	MPa	ISO 527-2/50
Tensile Strain (Break, 23°C)	> 350	%	ISO 527-2/50
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	125	°C	ISO 306/A

NOTE

1. Grade

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