



Eltex® TUB172

Product Technical Information

Eltex® TUB172 is a medium-density polyethylene copolymer designed for the extrusion of pressure pipes for gas applications. It is classified PE 80 in accordance with ISO 12162 based on ISO 9080 analysis.

Characteristics

- PE 80 Yellow pipe compound

Applications

- Gas

Properties	Test Methods	Values	Units
Physical			
Density (pigmented)	ISO 1183/A	939	kg/m ³
Melt Flow Rate (5 kg/190°C, Condition T)	ISO 1133	0.85	g/10min
Mechanical			
Tensile Strength @ Yield (23°C @ 50 mm/min)	ISO 527-2	19	MPa
Tensile Elongation @ Break (23°C @ 50 mm/min)	ISO 527-2	> 350	%
Tensile Modulus (23°C @ 1 mm/min)	ISO 527-2	750	MPa
Thermal			
VICAT Softening Point (1 kg)	ISO 306	121	°C
Thermal Stability (OIT, 210°C)	ISO 11357-6	>20	min
Pigmentation			
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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Regulatory Information

The product and uses described herein may require global product registrations and notifications for chemical inventory listings, or for use in food contact or medical devices. For further information, send an email to psnohreg@ineos.com. Unless specifically indicated, the products mentioned herein are not suitable for applications in the medical or pharmaceutical sector.

Health and Safety Information

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