

# 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
<b>Physical</b>			
Density (pigmented)	ISO 1183/A	939	kg/m <sup>3</sup>
Melt Flow Rate (5 kg/190°C, Condition T)	ISO 1133	0.85	g/10min
<b>Mechanical</b>			
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
<b>Thermal</b>			
VICAT Softening Point (1 kg)	ISO 306	121	°C
Thermal Stability (OIT, 210°C)	ISO 11357-6	>20	min
<b>Pigmentation</b>			
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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