

# Eltex® B4002P

High Density Polyethylene

INEOS Olefins & Polymers Europe

## Message:

Non stabilized high-density polyethylene flake (powder)

Eltex® B4002P is a non stabilized high-density polyethylene flake (powder) for the production of PE-Xb compounds using two-step process or for the manufacture of PEX pipes using a single-step process.

Applications

Hot and Cold water

All classes of application in accordance with EN ISO15875 and ISO10508

General Information			
Features	High Density		
RoHS Compliance	Contact Manufacturer		
Forms	Flakes		
	Powder		
Physical	Nominal Value	Unit	Test Method
Density	0.949	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR)			ISO 1133
190°C/2.16 kg	0.30	g/10 min	
190°C/5.0 kg <sup>1</sup>	1.5	g/10 min	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	1000	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	124	°C	ISO 306/A50
NOTE			

1. Procedure A

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## Recommended distributors for this material

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