



Eltex[®] B4002P

Product Technical Information

Non stabilized high-density polyethylene flake (powder)

Benefits & Features

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

Properties	Conditions	Test Methods	Values	Units
Physical				
Density		ISO 1183-1 & ISO 1872-1	949	kg/m ³
Melt Flow Rate	190°C/2.16 kg	ISO 1133-1	0.3	kg/m ³
Melt Flow Rate	190°C/5 kg	ISO 1133-1	1.45	g/10min
Mechanical				
Tensile Strength at Yield	23°C, 50mm/min	ISO 527-1,-2	22	MPa
Tensile Elongation at Break	23°C, 50mm/min	ISO 527-1,-2	> 350	%
Tensile Modulus	23°C, 1mm/min	ISO 527-1,-2	1000	MPa
Thermal				
Vicat Softening Temperature	10N	ISO306/A50	124	°C
Data should not be used for specification work				

Storage

The product should be stored in a dry and dust free environment at temperature below 50°C. Exposure to direct sunlight should be avoided as this may lead to product deterioration. It is advised to process the product within maximum six months after delivery.