



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				



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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.

Regulatory Information

The product and uses described herein may be subject to specific requirements or limitations for use in certain applications like food contact, drinking water or medical devices. Further information may be obtained from the website www.ineos.com where a specific Regulatory Certificate is available for each grade under the heading "SDS & Regulatory Certificate".

Unless specifically indicated, the product mentioned herein is not suitable for applications in the medical or pharmaceutical sectors.

Health and Safety Information

The product described herein may require precautions in handling. The available product health and safety information for this material is contained in the Safety Data Sheet (SDS) that may be obtained from the website www.ineos.com. Before using any material, a customer is advised to consult the SDS for the product under consideration for use.

Exclusion of Liability

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