Manufacturer website: https://www.ineos.com/businesses/ineos-olefins-polymers/

Eltex® A4040

Product Technical Information

Eltex® A4040 is a medium-density supplies as a non pigmented natural pellet for the production of PE-Xb compounds using two-step process or for the manufacture of PEX pipes using a simple-step process.

Characteristics

- Natural polyethylene for silane PE-Xb processes

Applications

- Hot & cold water
- All classes of application in accordance with EN ISO 15875 and ISO 10508

Properties	Test Method	Value	Units
Physical			
Density (pigmented)	ISO 1183/A	944	kg/m³
Melt Flow Rate (2.16 kg/190°C, Condition D)	ISO 1133	3.5	g/10min
Mechanical			
Tensile Strength @ Yield (23°C @ 50 mm/min)	ISO 527-2	21	MPa
Tensile Elongation @ Break (23°C @ 50 mm/min)	ISO 527-2	> 350	%
Tensile Modulus (23°C @ 1 mm/min)	ISO 527-2	900	MPa
Thermal			
VICAT Softening Point (1 kg)	ISO 306	123	°C

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

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

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