



Eltex® A 4040

Product Technical Information

Eltex® A 4040 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/m ³ |
| 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.