

Eltex® MED PH23H630

Low Density Polyethylene
INEOS Olefins & Polymers Europe

Message:

Low Density Polyethylene for Pharmaceutical Blow-Fill-Seal
Eltex® MED PH23H630 is a LD-polyethylene produced in a high-pressure process intended for blow moulding of soft and flexible packages for pharmaceutical products.
Eltex® MED PH23H630 is produced according to good manufacturing practice and is additive-free.
Eltex® MED PH23H630 is available in granular form.
Eltex® MED PH23H630 can be used in "blow-fill and seal" machines for the production of ampoules and bottles. The product can also be used for pharmaceutical products manufactured with other conversion techniques such as blow moulding or injection moulding. The product is not intended for heat sterilization.

| General Information | | | |
|--|------------------------------|-------------------|--------------|
| Features | Additive Free | | |
| | Good Flexibility | | |
| | Soft | | |
| Uses | Bottles | | |
| | Pharmaceutical Packaging | | |
| | Pharmaceuticals | | |
| | Pouches - Flexible Packaging | | |
| Agency Ratings | EP Monograph 3.1.4 | | |
| | USP Class VI | | |
| RoHS Compliance | Contact Manufacturer | | |
| Forms | Granules | | |
| Processing Method | Blow Molding | | |
| | Extrusion Blow Molding | | |
| | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.923 | g/cm ³ | ISO 1183 |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 2.0 | g/10 min | ISO 1133 |
| Hardness | Nominal Value | Unit | Test Method |
| Shore Hardness (Shore D) | 50 | | ISO 868 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Stress (Yield) | 11.0 | MPa | ISO 527-2/50 |
| Thermal | Nominal Value | Unit | Test Method |
| Heat Deflection Temperature (0.45 MPa, Unannealed) | 50.0 | °C | ISO 75-2/B |

| Extrusion | Nominal Value | Unit |
|------------------|---------------|------|
| Melt Temperature | 165 to 190 | °C |

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