



INEOS

Olefins & Polymers Europe

Your partner in

**ELTEX
MED**

**PP & PE
healthcare**

INEOS

Eltex[®] MED

**Polyethylene and polypropylene resins
for healthcare applications**

Product information

INEOS O&P Europe offers a wide range of specific Eltex[®] MED products for medical and pharmaceutical applications.

LDPE: A broad range of grades are available for Blow Fill Seal (BFS) applications, blow moulding bottles, ampoules and injection moulding for caps, closures, lids and packaging.

HDPE: A grade for injection moulding of syringe components, caps & closures and thin-walled components used as primary packaging in medical and pharmaceutical applications.

PP: Random copolymers for BFS and injection moulding of syringe parts and homopolymers for injection moulding of inhaler parts, caps & closures, tubes and primary packaging of medical and pharmaceutical applications.



Eltex[®] MED

Specific advantages and features of Eltex[®] MED grades

Certification and regulation

- / European Pharmacopoeia composition compliance to polyolefin related monographs (*)
- / United States Pharmacopoeia USP class VI (*)
- / Drug Master File (*)
- / Formulation disclosure under secrecy agreement

Tested grades

- / EUP full testing (*)
- / USP class VI tested (*)

Product availability/change control


- / Continuity of supply and formulation (2 years)
- / Notice of changes (2 years)

Customised support

- / Technical support specific to Eltex[®] MED
- / Personalised access to Eltex[®] MED online certificates

Control and logistic

- / Maximised batch purity
- / Consistency batch-to-batch
- / Traceability (documentation and QC samples)
- / Inside storage/enhanced clean logistics



(*) Not valid for all products. Contact your account manager or TS&D representative to obtain more details

Eltex® MED

Product characteristics

| Brand | Product | Properties Conditions Methods Units | MFR 190° C, 2.16kg ISO 1133 g/10 min | MFR 230° C, 2.16kg ISO 1133 g/10 min | Density 23° C ISO 1183 kg/m ³ | Flexural Modulus 23° C ISO 178 MPa | Tensile Modulus 23° C ISO 527 MPa |
|------------|--------------|--|---|---|---|---|--|
| Eltex® MED | LDPE | PH19N630 | 7.5 | - | 920 | - | - |
| Eltex® MED | LDPE | PH22D630 | 0.3 | - | 922 | - | - |
| Eltex® MED | LDPE | PH27D630 | 0.3 | - | 927 | - | - |
| Eltex® MED | LDPE | PH30D630 | 0.3 | - | 930 | - | - |
| Eltex® MED | LDPE | PH23H630 | 2.0 | - | 923 | - | - |
| Eltex® MED | LDPE | PH23T630 | 22.0 | - | 923 | - | - |
| Eltex® MED | HPP | 100-MG03 | - | 3.0 | - | 1450 | - |
| Eltex® MED | HPP | 100-MG12 | - | 12.0 | - | 1400 | - |
| Eltex® MED | HPP | 100-MG25 | - | 25.0 | - | 1200 | - |
| Eltex® MED | RCP | 200-MG02 | - | 1.8 | - | 900 | - |
| Eltex® MED | RCP | 240-MS23 | - | 23.0 | - | 980 | - |
| Eltex® MED | HDPE | HD5226EA-M | 26.0 | - | 953 | - | 1150 |
| Eltex® | HDPE (1) | CAP508 | 1.8 | - | 953 | - | 1000 |
| Eltex® | HDPE (1) | HD5211EA-B | 11.0 | - | 951 | - | 1100 |
| Eltex® | HDPE (1) | HD6070EA-B | 7.6 | - | 960 | - | 1500 |
| Eltex® | PP TERPO (1) | KS357 | - | 5.0 | 895 | 620 | - |

(1) The Eltex® and Eltex® P products listed in the table above are not Eltex® MED grades but can be used in medical and pharmaceutical applications as their composition complies with the European Pharmacopoeia. However, they are not regularly tested according to EUP and USP protocols and don't have DMF in US.

Contact your account manager or TS&D representative to obtain more detailed information related to the use of these products in a specific medical or pharmaceutical application.



We offer a wide range
of high value polyolefins
solutions for healthcare
applications.

INEOS Olefins & Polymers Europe



About us

INEOS is one of the world's largest chemical companies, founded in 1998. INEOS Olefins & Polymers Europe is a leading producer of olefins and polyolefins.

INEOS Olefins & Polymers Europe offers a full range of high value polyolefins solutions for market applications such as food and industrial packaging, pipe and automotive through dedicated sales, and technical service teams.

INEOS is a safe and environmentally responsible company. We are engaged in developing our sustainable agenda to improve our operations and to implement sustainable solutions for our customers. This includes products that offer lightweighting, energy efficiency, durability (extended lifetime) or conservation of resources. We care.



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