



**INEOS**

**Olefins & Polymers Europe**

Your partner in

**ELTEX<sup>®</sup>  
MED**

**PP & PE  
healthcare**

**INEOS**

## Eltex<sup>®</sup> MED

**Polyethylene and polypropylene resins  
for healthcare applications**

### **Product information**

INEOS O&P Europe offers a wide range of specific Eltex<sup>®</sup> 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<sup>®</sup> MED

## Specific advantages and features of Eltex<sup>®</sup> 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<sup>®</sup> MED
- / Personalised access to Eltex<sup>®</sup> 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 <sup>3</sup>	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.



EXCLUSION OF LIABILITY: The information contained in this brochure, as at the date of publication, is accurate to the best knowledge and belief of INEOS Europe AG and its affiliates («INEOS») and any further information or advice provided by INEOS relating to INEOS or third party materials is also given in good faith. INEOS makes no representations or warranties, express or implied, regarding the completeness, quality or accuracy of this or any other information and any decisions you make based on the information contained in this brochure or otherwise provided by INEOS, including as to the suitability or fitness of materials for a particular purpose, are your sole responsibility. The information contained here is subject to change, and your INEOS representative will be happy to help in providing you with the latest version of this information. Please otherwise note that we advise you regularly check the validity of the information you may have already downloaded from our website. Except as required by mandatory law or as expressly provided in INEOS's standard terms and conditions of sale, INEOS accepts no liability whatsoever arising from the use of information supplied by this brochure or otherwise, or from the application, adaptation or processing of the products described herein, the use of other materials in lieu of INEOS materials or the use of INEOS materials in conjunction with such other materials. Rigidex®, Eltex®, Eltex P®, Eltex PF®, Rigidex P®, Innovene, INEOS and the breakthrough mark are all trademarks of the INEOS group, used with its permission, and are registered in a number of countries.





Please visit our website at [www.ineos.com](http://www.ineos.com)  
or contact us at [ineospofcsc@ineos.com](mailto:ineospofcsc@ineos.com)

© INEOS Olefins & Polymers Europe, March 2020