

Eltex[®] MED Polyethylene and Polypropylene Resins for Medical and Pharmaceutical 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.



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.

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Product Characteristics

		Properties	Melt Index (190°C, 2.16kg)	Melt Index (230°C, 2.16kg)	Density (23°C)	Flexural Modulus (23°C)	Tensile Modulus (23°C)
		Methods	ISO 1133	ISO 1133	ISO 1183	ISO 178	ISO 527
Brand	Product	Units	g/10min)	g/10min)	kg/m ³	MPa	MPa
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 [®] P	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.