Manufacturer website: https://www.ineos.com/businesses/ineos-olefins-polymers/

Eltex® MED PH19N630

Product Technical Information

Low Density Polyethylene homopolymer for pharmaceutical extrusion coating & injection moulding

Benefits & Features

Eltex® MED PH19N630 is an LD-polyethylene produced in a high-pressure process intended for extrusion coating and injection moulding of soft and flexible packages for pharmaceutical products.
Eltex® MED PH19N630 is produced according to good manufacturing practice
- additive-free
- good processing

Applications

- extrusion coating
- primary and secondary packaging
- press-fit stoppers
- caps, closures
- injected tubes

Properties	Conditions	Test Methods	Values	Units
Physical				
Density		ISO1183-1 & ISO 1872-1	920	kg/m³
Melt Flow Rate	190°C/2.16 kg	ISO 1133-1	7.5	g/10 min
Mechanical				
Tensile Stress at Yield	50 mm/min	ISO 527-1,-2	9	MPa
Tensile Stress at Break	50 mm/min	ISO 527-1,-2	10	MPa
Tensile Strain at Break	50 mm/min	ISO 527-1,-2	550	%
Hardness Shore D		ISO 868	47	-
Thermal				
DSC Melting Temperature	(10°C/min)	INEOS method	108	°C
Vicat Softening Temperature		ISO 306 Method A	88	°C

Data should not be used for specification work

Compliance to Regulations on Medical use

Eltex® MED PH19N630 complies with the compositional requirements of European Pharmacopoeia – Monograph 3.1.3. and 3.1.4

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Storage

The product should be stored in a dry and dust free environment at temperature below 50°C. Exposure to direct sunlight should be avoided as this may lead to product deterioration. It is advised to process the product within maximum one year after delivery.

Regulatory Information

The product and uses described herein may be subject to specific requirements or limitations for use in certain applications like food contact, drinking water or medical devices. Further information may be obtained from the website www.ineos.com where a specific Regulatory Certificate is available for each grade under the heading "SDS & Regulatory Certificate".

Unless specifically indicated, the product mentioned herein is not suitable for applications in the medical or pharmaceutical sectors.

Health and Safety Information

The product described herein may require precautions in handling. The available product health and safety information for this material is contained in the Safety Data Sheet (SDS) that may be obtained from the website www.ineos.com. Before using any material, a customer is advised to consult the SDS for the product under consideration for use.

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