

Eltex® MED PH19N630

Low Density Polyethylene
INEOS Olefins & Polymers Europe

Message:

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

General Information			
Features	Low density		
	Homopolymer		
	Workability, good		
	Good flexibility		
	Soft		
	No additive		
Uses	Packaging		
	Pipe fittings		
	Shield		
	Coating application		
	Shell		
	Drug packaging		
Agency Ratings	EP Monograph 3.1.3		
	EP Monograph 3.1.4		
RoHS Compliance	Contact manufacturer		
Forms	Particle		
Processing Method	Extrusion coating		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm ³	ISO 1183

Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.5	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	47		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2/50
Yield	9.00	MPa	ISO 527-2/50
Fracture	10.0	MPa	ISO 527-2/50
Tensile Strain (Break)	550	%	ISO 527-2/50
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	88.0	°C	ISO 306/A
Melting Temperature (DSC) ¹	108	°C	Internal method
NOTE			
1.	10°C/min		

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