

# Eltex® MED PH27D630

Low Density Polyethylene  
INEOS Olefins & Polymers Europe

Message:

Low Density Polyethylene for Pharmaceutical Blow Moulding

**Benefits & Features**

Eltex® MED PH27D630 is a LD-polyethylene produced in a high-pressure process intended for blow moulding of soft and flexible packages for pharmaceutical products.

Eltex® MED PH27D630 is produced according to good manufacturing practice and is additive-free.

Eltex® MED PH27D630 is available in granular form.

**Applications**

Eltex® MED PH27D630 can be used in “blow-fill and seal” machines for the production ampoules and bottles. The product can also be used for pharmaceutical products manufactured with other conversion techniques such as injection moulding and film blowing.

Eltex® MED PH27D630 will withstand heating up to 110°C and therefore units made from this product may be steam treated to max. 110°C.

General Information			
Features	Additive Free		
	Good Flexibility		
	Low Density		
	Soft		
	Steam Sterilizable		
Uses	Bottles		
	Pharmaceutical Packaging		
Agency Ratings	EP Monograph 3.1.4		
	USP 29		
	USP Class VI		
RoHS Compliance	Contact Manufacturer		
Forms	Granules		
Processing Method	Blow Molding		
	Blown Film		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.927	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.30	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	52		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	350	MPa	ISO 527-2/1

Tensile Stress (Yield)	12.0	MPa	ISO 527-2/50
Tensile Strain (Break)	350	%	ISO 527-2/50
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	51.0	°C	ISO 75-2/B
Extrusion	Nominal Value	Unit	
Melt Temperature	165 to 200	°C	

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#### Recommended distributors for this material

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