



# ELTEX<sup>®</sup> MED PH21G630

## Product Technical Information

Low Density Polyethylene for Pharmaceutical Blow Moulding

### Benefits & Features

**ELTEX<sup>®</sup> MED PH21G630** is a LD-polyethylene produced in a high-pressure process intended for blow moulding of soft and flexible packages for pharmaceutical products. It is produced according to good manufacturing practice and is additive-free.

### Applications

**ELTEX<sup>®</sup> MED PH21G630** can be used in “blow-fill and seal” machines for the production of ampoules. The product can also be used for pharmaceutical products manufactured with other conversion techniques such as injection blow-moulding, injection moulding and film blowing.

The product is not intended for heat sterilization.

Properties	Conditions	Test Methods	Values	Units
<b>Physical</b>				
Density		ISO1183-1 & ISO 1872-1	921	kg/m <sup>3</sup>
Melt Flow Rate	190°C/2.16 kg	ISO 1133-1	1.5	g/10 min
<b>Mechanical</b>				
Tensile Stress at Yield	50 mm/min	ISO 527-1,-2	11	MPa
<b>Thermal</b>				
DSC Melting Point	10°C/min	INEOS test Method	110	°C
<b>Data should not be used for specification work</b>				

## Compliance to Regulations on Medical use

**ELTEX<sup>®</sup> MED PH21G630** complies with the European Pharmacopoeia – Monograph 3.1.4, USP <88> Class VI and USP 661.1

### Processing guidelines

**ELTEX<sup>®</sup> MED PH21G630** is easy to extrude. Recommended melt temperature is 165-190°C

### 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.