



# 23L430B

## Product Technical Information

Additive free LDPE homopolymer extrusion coating and injection moulding product

### Benefits & Features

**23L430B** special polymer structure gives the following properties:

- Excellent draw down ability with adequate neck-in and stable edges
- Good process ability also at high line speeds and/or low coating weights
- Low fumes during extrusion
- Good adhesion on many substrates
- Good heat sealing properties
- Good organoleptical properties
- Low permeability to moisture and gases
- Good scratch resistance
- High purity and very low gel level

### Applications

**23L430B** is a low density polyethylene homopolymer for general coating applications.

**23L430B** coated substrates such as paper, board and aluminium can be used for packaging food and liquids, powders, medical devices, agricultural materials, chemicals and many other products.

Properties	Conditions	Test Methods	Values	Units
<b>Rheological</b>				
Melt Flow Rate	190°C/2.16kg	ISO 1133-1	4.5	g/10min
<b>Physical</b>				
Density ISO 1872-1	23°C	ISO 1183-1	923	kg/m <sup>3</sup>
<b>Thermal</b>				
DSC Melting Temperature	10°C/min	Ineos Test Method	113	°C
Vicat Softening Temperature*	10N	ISO306/A50	98	°C

**Data should not be used for specification work**

\* Values determined on on compression moulded plaques

### Processing guidelines

**23L430B** can be processed on commercial extrusion coating equipment over the melt temperature range 280-325°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.