# 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 |
|---|---|---|---|---|
| **Rheological** | | | | |
| Melt Flow Rate | 190°C/2.16kg | ISO 1133-1 | 4.5 | g/10min |
| **Physical** | | | | |
| Density ISO 1872-1 | 23°C | ISO 1183-1 | 923 | kg/m³ |
| **Thermal** | | | | |
| 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

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## 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.


### 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".

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