23L430

Product Technical Information

Additive free LDPE homopolymer extrusion coating and injection moulding product

Benefits & Features

23L430 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

23L430 is a low density polyethylene homopolymer for general coating applications.
23L430 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	924	kg/m³
Thermal				
Melting Temperature	DSC 2nd heating 10°C/min	ISO 11357-3	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

23L430 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".

Unless specifically indicated, the product mentioned herein is not suitable for applications in the medical or pharmaceutical sectors.

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