

INEOS LDPE 23L430

Low Density Polyethylene
INEOS Olefins & Polymers Europe

Message:

- 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.

General Information	
Features	Additive Free
	Good Adhesion
	Good Drawdown
	Good Heat Seal
	Good Organoleptic Properties
	Good Processability
	High Purity
	Homopolymer
	Low Density
	Low Gas Permeability
	Low Gel
	Low Moisture Vapor Transmission
	Low to No Fumes
	Scratch Resistant
Uses	Agricultural Applications
	Coating Applications
	Foil Coatings
	Food Packaging
	Medical Packaging
	Packaging
RoHS Compliance	Paper Coatings
	Contact Manufacturer

Forms	Pellets
Processing Method	Extrusion Coating Injection Molding

Physical	Nominal Value	Unit	Test Method
Density (23°C)	0.924	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.5	g/10 min	ISO 1133
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	98.0	°C	ISO 306/A50
Melting Temperature ¹	113	°C	ISO 11357-3
Extrusion	Nominal Value	Unit	
Melt Temperature	280 to 325	°C	
NOTE			

1. DSC 2nd heating 10°C/min

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