INEOS LDPE 19N430B

Low Density Polyethylene

INEOS Olefins & Polymers Europe

Message:

Benefits & Features
19N430B special polymer structure gives the following properties:
For extrusion coating:
Well balanced Neck In and Draw Down performance
Good adhesion performance and sealing properties
For injection moulding and compounding:
Excellent flexibility
Good transparency
Absence of any kind of additive allowing tailor formulation of specific compounds and master-batches
Applications
Extrusion coating and laminating grade designed for a medium to high coating line speed.
19N430B is also suitable for injection moulding of flexible products (caps and closures, food containers, soft tubes, technical parts) as well as for the production of compounds.

General Information	
Features	Additive Free
	Good Adhesion
	Good Flexibility
	Homopolymer
	Low Density
Uses	Caps
	Closures
	Coating Applications
	Compounding
	Food Containers
	Laminates
	Masterbatch
	Tubing
RoHS Compliance	Contact Manufacturer
Appearance	Clear/Transparent
Forms	Pellets
Processing Method	Compounding
	Extrusion Coating
	Injection Molding
	Laminating

Physical	Nominal Value	Unit	Test Method
Density (23°C)	0.920	g/cm³	ISO 1183

Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.5	g/10 min	ISO 1133
Hardness	**Nominal Value**	**Unit**	**Test Method**
Shore Hardness (Shore D, 1 sec, Compression Molded)	47		ISO 868
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus (23°C, Injection Molded)	170	MPa	ISO 527-2/1BA/1
Tensile Stress			ISO 527-2/50
Yield, 23°C, Compression Molded	9.00	MPa	
Break, 23°C, Compression Molded	10.0	MPa	
Tensile Strain (Break, 23°C, Compression Molded)	550	%	ISO 527-2/50
Thermal	**Nominal Value**	**Unit**	**Test Method**
Vicat Softening Temperature	87.0	°C	ISO 306/A50
Melting Temperature [1]	108	°C	ISO 11357-3
Injection	**Nominal Value**	**Unit**	
Processing (Melt) Temp	190 to 250	°C	
Extrusion	**Nominal Value**	**Unit**	
Melt Temperature	280 to 325	°C	
NOTE			
1.	DSC 2nd heating 10°C/min		

Recommended distributors for this material

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