

Eltex® B4020LGN1963

High Density Polyethylene Copolymer
INEOS Olefins & Polymers Europe

Message:

High Density Polyethylene – Milk blow moulding resins
Benefits & Features
Eltex® B4020LGN1963 high density polyethylene is a copolymer manufactured by INEOS O&P Europe using its supported catalyst process. It is a granular resin used for high-speed blow moulding of bottles. Its high purity makes it suitable for the packaging of both pasteurized and sterilized milk (in bottle sterilization).
The resins guarantee the preservation of the organoleptic properties of milk and have the following essential properties:
A very low odour level
Good heat resistance
Good impact resistance
Good stress cracking resistance

General Information			
Features	Copolymer		
	Food Contact Acceptable		
	Good Impact Resistance		
	High Density		
	High ESCR (Stress Crack Resist.)		
	High Purity		
	Low to No Odor		
	Med.-Wide Molecular Weight Distrib.		
	Medium Heat Resistance		
Uses	Bottles		
Agency Ratings	EU Food Contact, Unspecified Rating		
	FDA Food Contact, Unspecified Rating		
RoHS Compliance	Contact Manufacturer		
Forms	Granules		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	0.952	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.8	g/10 min	ISO 1133

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