

Total HDPE HD 6221 High Density Polyethylene - Blow Molding

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Blow Molding Grade

Material Notes:

HDPE HD 6221 is a high density polyethylene with very high stiffness and impact resistance. The low viscosity of this grade has been designed for the manufacture of thin walled containers for foodstuffs (dairy applications particularly) in mono or multi-layers applications. Its unique molecular design allows it to be used on high throughput machines. HDPE HD 6221 is a pellet grade and contains antioxidants. Information provided by Total Petrochemicals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-HDPE-HD-6221-High-Density-Polyethylene-Blow-Molding.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.962 g/cc	0.962 g/cc	ISO 1183
Environmental Stress Crack Resistance	10 hour	10 hour	F50, Anatarox 100%; ASTM D 1693/B
Melt Flow	2.1 g/10 min @Load 2.16 kg, Temperature 190 °C	2.1 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Charpy Impact, Notched	1.00 J/cm ²	4.76 ft-lb/in ²	ISO 179-1

Processing Properties	Metric	English	Comments
Processing Temperature	180 - 220 °C	356 - 428 °F	

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