HDPE 6200 Technical Datasheet

Product Description:

6200B is a high density polyethylene resin; a product of bi-modal process from Mitsui Chemicals, Inc.This resin is ideally suited for use in blow molding technology. High density polyethylene, copolymer, with basic stabilization (such as Calcium Stearate- Antioxidant 168 &1010). Ethylene and 1-butene are the only monomers used for producing 6200B grade

Processing Method:

- Blown Film
- Injection Moulding
- Extrusion Blow Moulding

Features:

Property	Test Method	Value	Unit
Melt Flow Rate	ASTM D 1238 @ 190 °C, 2.16 kg	0.36	g/10 min
Density	ASTM D 792	0.956	g/cm3
Melting Point (Powder)	ASTM D 2117	131	°C
Tensile Strength at Yield	ASTM D 638	27	MPa
Tensile Strength at Break	ASTM D 638	20	MPa
Elongation at Break	ASTM D 638	>700	%
Charpy Impact Strength (23°C & 50% Humidity)	SO 179-1	>10	kJ/m2
Stress cracking resistance (50+0.50C/IGEPAL CA630 solution 10%,F50)	ASTM D 1693	400	hr
Vicat softening temperature (10N, Temperature Rate 120°C/hr.)	ASTM D 1525	129	°C

- Pellet:: 25 kg loose bag (1.5 ton Pallet)
- Big bag with specified weight

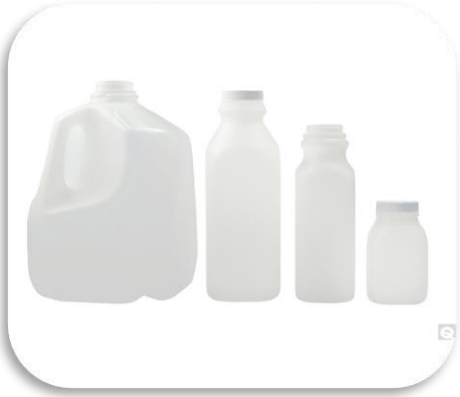
❖ Store in original container in tidy according to the manual of Handling and Storage from Miandoab Petrochemical Company .

❖ Product(s) should be stored in dry and dust free location at temperature below 50°C and protected

from direct sunlight and/or heat, well-ventilated area, away from incompatible materials and food and drink, as this may lead to quality deterioration, which results in odour generation and color changes and can have negative effects on the physical properties of this product.

Applications:

- For Blow Molding
- Automobile parts
- Excellent environmental stress cracking resistance (ESCR)
- Food and milk Bottles
- High Speed process ability
- Bleach and Detergent Bottles
- Excellent rigidity
- water packing containers
- fridge bottles and etc.



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