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BAKHSTAR PETROCHEMICAL COMPANY

HIGH DENSITY POLYETHYLENE - HDPE 6200B

HDPE 6200B is a high-density polyethylene (HDPE) resin specifically designed for blow molding applications. It provides an optimal balance of high-speed processability, excellent environmental stress cracking resistance (ESCR), and robust impact strength, making it a premier choice for durable, food-grade packaging containers.

Producer	Applications
BAKHSTAR	Automobile parts - Food and milk bottles Bleach & detergent bottles - Water packing containers Fridge bottles & etc.

Typical Properties			
Resin Properties	Unit	Typical Value	Test Method
Melt Flow Rate (190°C 2.16KG)	g/10min	0.29-0.43	ASTM D-1238
Density	gr/cm3	0.954-0.958	ASTM D792
Vicat Softening Point (120°C/hr 1kg)	°C	≥123	ASTM D-1525
Melting Point (Powder)	g/10 min	132±2	ASTM D1238
Tensile Strength @Yield	Mpa	≥26	ASTM D638
Elongation @ Break	%	≥500	ASTM D-638
Tensile Strength @Break	MPa	≥17	ASTM D638
Charpy Impact Strength	KJ/m2	≥8.6	ISO 179-1
Stress Cracking Resistance	Hr.	≥400	ASTM D1693
Contamination	%	<20	BASELL MTM-17064 E