

Ilam Petrochemical Company

HDPE 8200B

Blow Molding Grade

Property	Test Method	Unit	Value
Melt flow rate	ISO 1133	g/10 min.	0.03
Density	ISO 1183	kg/m ³	952
Tensile Strength at yield	ISO 527-1, -2	MPa	26
Tensile Strength at break	ISO 527-1, -2	MPa	>27
Elongation at Break	ISO 527-1, -2	%	>500
Charpy Impact strength	ISO 179-1	kJ/m ²	NB
Shore hardness	ISO 868	D scale	63
Stress cracking resistance	ASTM 1693	hr	>600
Melting temperature	ISO 11357	°C	132
Vicat softening temperature	ISO 306	°C	123

APPLICATION

Good impact strength, rigidity, environmental stress cracking resistance and low parison sag. Large container for transport and storage of chemicals and water. Automobile fuel tank, chemical storage tanks, large-sized containers and gallons.



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