

Ilam Petrochemical Company

# HDPE 3000B

## Blow Molding Grade

Property	Test Method	Unit	Value
Melt flow rate	ISO 1133	g/10 min.	0.63
Density	ISO 1183	kg/m <sup>3</sup>	961
Tensile Strength at yield	ISO 527-1, -2	MPa	31
Tensile Strength at break	ISO 527-1, -2	MPa	>18
Elongation at Break	ISO 527-1, -2	%	>500
Charpy Impact strength	ISO 179-1	kJ/m <sup>2</sup>	5.5
Shore hardness	ISO 868	D scale	65
Stress cracking resistance	ASTM 1693	hr	24
Melting temperature	ISO 11357	°C	134
Vicat softening temperature	ISO 306	°C	128

## APPLICATION

Excellent rigidity and good processability Small-sized bottle, toys, milk bottles, bottles for food, packaging, waste packaging containers, fridge bottles



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