

Ilam Petrochemical Company

# HDPE 5300B

## *Blow Molding Grade*

Property	Test Method	Unit	Value
Melt flow rate	ISO 1133	g/10 min.	0.4
Density	ISO 1183	kg/m <sup>3</sup>	949
Tensile Strength at yield	ISO 527-1, -2	MPa	24
Tensile Strength at break	ISO 527-1, -2	MPa	>14
Elongation at Break	ISO 527-1, -2	%	>500
Charpy Impact strength	ISO 179-1	kJ/m <sup>2</sup>	8.5
Shore hardness	ISO 868	D scale	64
Stress cracking resistance	ASTM 1693	hr	>600
Melting temperature	ISO 11357	°C	130
Vicat softening temperature	ISO 306	°C	121

## APPLICATION

Good external appearance, excellent environmental stress cracking resistance Shampoo bottles, cosmetic bottles



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