

Ilam Petrochemical Company

HDPE 1300J

Injection Molding Grade

Property	Test Method	Unit	Value
Melt flow rate	ISO 1133	g/10 min.	12
Density	ISO 1183	kg/m ³	961
Tensile Strength at yield	ISO 527-1, -2	MPa	27
Tensile Strength at break	ISO 527-1, -2	MPa	>13
Elongation at Break	ISO 527-1, -2	%	>500
Charpy Impact strength	ISO 179-1	kJ/m ²	3.5
Shore hardness	ISO 868	D scale	65
Stress cracking resistance	ASTM 1693	hr	3
Melting temperature	ISO 11357	°C	134
Vicat softening temperature	ISO 306	°C	126

APPLICATION

High melt flow with good rigidity, general purpose for house wares Baskets, basins, buckets, trash boxes, medical cases, wash stands, pails, toys, tubs, caps of bottles, etc.



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