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BAKHSTAR PETROCHEMICAL COMPANY

## HIGH DENSITY POLYETHYLENE HD62N07

HD 62N07 is an injection-moulding grade high-density polyethylene. Its good impact strength, easy processing, high rigidity, and UV resistance make it especially suitable for use in crates, pallets, seats, and householdware.

Producer	Characteristic Properties	Applications
BAKHSTAR	good impact strength, easy processing, high rigidity, and UV resistance	Injection Moulding Grade for Pallets, Boxes and Crates.

### Typical Properties

Resin Properties	Unit	Typical Value	Test Method
Melt Index	g/10min	7	D1238
Density	g/cc	0.269	D1505
F/E Ratio	-	<30	ASTM D 1238
Volatiles	%wt	<0.05	ASTM D 1525
Tensile Stress @ Yield	Mpa	30	ASTM D 638
Tensile Stress @ Break	Mpa	12	ASTM D 638
Elongation @ Break	%	850	ASTM D 638
Flexural	Mpa	1500	STM D 790
Izod Impact Resistance	J/m	55	ASTM D 256
Contamination	Ratio	<40	BASEL MTM-17064