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## HIGH-DENSITY POLYETHYLENE HD62N07

"HD62N07" is an injection-moulding grade high density polyethylene. Good impact strength, easy processing, high rigidity and UV resistance make it especially suitable for usage in crates, pallets, seats and house hold ware.

### Producer:

Lorestan Petrochemical Company

NO	Property	Units	Test Method	Specification	Result	Remark
1	MFI @190°C, 2.16 Kg	g/10 min	ASTM D1238-10	5.6-8.4	6.2	According to Procedure B
2	MFI @190°C, 21.6 Kg	g/10 min	ASTM D1238-10	----	158.1	According to Procedure B
3	FRR	----	ASTM D1238-10	----	25.5	MFR(190/21.6)/MFR (190/2.16); Procedure D
4	Density (Gradient)	g/cm <sup>3</sup>	ASTM D1505-10	0.960-0.963	0.961	Condition 23°C
5	Contamination Ratio	----	BASELL MTM-17064E	----	3	----
6	Flexural Modulus (Young)	Mpa	ASTM D700-10	max.1500	1000	----
7	Tensile Stress At Yield	Mpa	ASTM D638-10	----	30	----
8	Tensile Stress At Break	Mpa	ASTM D638-10	----	12	----
9	Elongation At Break	%	ASTM D638-10	----	850	----
10	IZOD Impact Resistance	J/m	ASTM D256-02	55	55	Notched Method Procedure A

### Applications:

- Injection Moulding Grade for Pallets, Boxes and Crates



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