



HDPE 62N07

High Density Polyethylene · Injection Moulding Grade

Also traded as HD62N07 · N07 · Origin: Iran

MFR (190 °C / 2.16 KG)

7 g/10 min

DENSITY

0.962 g/cm³

PROCESS

Injection

FLEXURAL MODULUS

1500 MPa

PRODUCT DESCRIPTION

HDPE 62N07 is an injection moulding grade with good impact strength, easy processing, high rigidity and UV resistance. It is especially suitable for crates, pallets, boxes, seats and heavy-duty housewares.

- High rigidity
- UV resistant
- Good impact strength
- Easy processing

PROCESSING GUIDE

Process	Injection moulding
Melt temperature	190 – 250 °C
Mould temperature	20 – 50 °C
Form	Natural pellets

TYPICAL PROPERTIES

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE
PHYSICAL			
Melt Flow Rate (190 °C / 2.16 kg)	ASTM D1238	g/10 min	7
Density (23 °C)	ASTM D1505	g/cm ³	0.962
Flow Rate Ratio (F/E)	ASTM D1238	–	< 30
Volatiles	–	% wt	< 0.05
Contamination	Basell MTM 17064 E	ratio	< 40
MECHANICAL			
Tensile Strength at Yield	ASTM D638	MPa	30
Tensile Strength at Break	ASTM D638	MPa	12
Elongation at Break	ASTM D638	%	850
Flexural Modulus	ASTM D790	MPa	1500
Izod Impact Strength	ASTM D256	J/m	55

APPLICATIONS



Crates & Boxes



Pallets



Seats



Housewares

PACKAGING

25 kg PE / woven bags
Palletised or jumbo on request
20' / 40' container loading

SUPPLY

Road, sea or rail – mode agreed per order
CFR Karachi / Port Qasim on request
Pre-shipment inspection & export documents



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◆ DIRECT SUPPLY FROM IRAN

◆ PREMIUM GRADES

◆ COMPETITIVE PRICES

◆ WORLDWIDE EXPORT

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