



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

1350 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	6 – 8
Density (23 °C)	ASTM D1505	g/cm ³	0.960 – 0.963
Bulk Density	ASTM D1895	g/cm ³	0.59
MECHANICAL			
Tensile Strength at Yield	ASTM D638	MPa	29 – 30
Tensile Strength at Break	ASTM D638	MPa	> 14
Elongation at Break	ASTM D638	%	> 600
Flexural Modulus	ASTM D790	MPa	1300 – 1400
Izod Impact Strength	ASTM D256	J/m	40
THERMAL			
Vicat Softening Point	ASTM D1525	°C	130 – 134

APPLICATIONS



Crates & Boxes



Pallets



Seats



Housewares

PACKAGING

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

SUPPLY

Delivery ex-factory or at border
100% pre-shipment inspection
Full export documentation



Get Today's Price

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◆ DIRECT SUPPLY FROM IRAN

◆ PREMIUM GRADES

◆ COMPETITIVE PRICES

◆ WORLDWIDE EXPORT

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/product/hdpe-62n07/

The values above are typical and are not to be construed as specification limits. Users should verify suitability for their own process and application.

RP-TDS-HDPE-62N07 · Rev.01 · 09/2026