



BEHDAD PLAST

HIGH DENSITY POLYETHYLENE

Injection Molding Grade – 62N07

HDPE 62N07 is a high-density polyethylene resin designed for injection molding applications where high stiffness, good chemical resistance, and good stress crack resistance are required.

It offers an excellent balance of mechanical strength and processability, making it suitable for industrial and heavy-duty applications.

NO.	PROPERTY	TYPICAL VALUE	TEST METHOD
1	Melt Flow Rate (MFR) @ 190 °C, 2,16 kg	7 g/10 min	ASTM D1238
2	Density	0.962 g/cm ³	ASTM D1505
3	Tensile Strength at Yield	31 MPa	ASTM D638
4	Elongation at Break	> 600 %	ASTM D638
5	Flexural Modulus	1350 MPa	ASTM D790
6	Environmental Stress Crack Resistance (ESCR, F50,	> 48 h	ASTM D1693
7	Vicat Softening Temperature	< 126 °C	ASTM D1525
8	Vicat Softening Point	~ 126 °C	ASTM D1525

Applications:

- Industrial crates
- Pallets
- Caps and closures
- Heavy-duty containers
- Automotive parts
- Household items

Manufacturer:

Bakhtar (Lorestan) Petrochemical
Company

Packaging:

25 kg PE bags-55 bag(approximately
1.375 MT) on a pallet, shrink wrapped.
Optional: Jumbo Bags available upon
request



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