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BAKHTAR PETROCHEMICAL COMPANY

HIGH-DENSITY POLYETHYLENE HDPE HD62N07UV

HDPE 62N07 is a high-density polyethylene tailored for injection molding applications, delivering an excellent combination of high rigidity, strong impact resistance, and UV stability. Enhanced with a robust additive package, including antioxidants and UV stabilizers, it ensures smooth processing and long-lasting durability. This makes HDPE 62N07 a top choice for manufacturing durable products such as industrial crates, containers, and outdoor furniture, suitable for both indoor and outdoor environments.

Producer	Characteristic Properties	Applications	Additive
BAKHTAR	Good Impact strength Easy Processing High Rigidity - High Stiffness Films	Crates Pallets Boxes	Calcium Stearate Irganox1010,Irgafos 168 UV Stabilizer

Typical Properties

Resin Properties	Unit	Typical Value	Test Method
Melt Flow Rate (MFR) (190°C/2.16kg)	g/10 min	6-8	ASTM D1238
Density	g/cm ³	0.960-0.964	ASTM D-1505
Vicat Softening Temperature	°C	133	ASTM D 1525
Tensile Stress @ Yield	Mpa	30	ASTM D 638
Tensile Stress @ Break	Mpa	12	ASTM D 638
Elongation @Break	%	500	ASTM D 638
Elongation @Yield	%	6	ASTM D 638
Flexural Modulus	Mpa	1300	ASTM D 790
Izod Impact	J/M	50	ASTM D 256
F/E (MFI(5kg)/MFI(2.16 kg))	-	27±3	ASTM D1238

Guaranteed items: MFR & Density.

The information contained herein may include typical properties of our products or their typical performances when used in certain typical applications. Actual properties of our products, in particular when used in conjunction with any third party material(s) or for any non-typical applications, may differ from typical properties.