



SHOBEIR SHIMI
WWW.SHOBEIRSHIMI.COM
info@shobeirshimi.com

JAM PETROCHEMICAL COMPANY

HIGH DENSITY POLYETHYLENE - HDPE 7000F

HDPE 7000F is a bimodal film grade designed for single- and multilayer packaging films with thicknesses of 10–25 μm . It offers a balance of tensile strength, toughness, chemical resistance, and processability. Supplied as granules in 25 kg bags.

FEATURES

Features: Bimodal molecular weight distribution, high mechanical strength, and environmental stress cracking resistance.

Applications

Applications: Shopping bags, grocery bags, and garbage bags.

Typical Properties

Resin Properties	Unit	Typical Value	Test Method
Density	g/cm^3	0.95 - 0.954	ISO 1183
MFR (2.16 kg, 190 °C)	gr/10min	0.03 - 0.05	ISO 1133-1
ensile Strength at Break (23 °C, 50 mm/min)	MPa	38.25	ASTM D638
Tensile Strength at Yield (23 °C, 50 mm/min)	MPa	24.52	ASTM D638
Tensile Elongation at Break (23 °C, 50	%	> 500	ASTM D638
ESCR (Condition A, 50 °C, 10%, AntaroX, 4	hr	> 600	ASTM D1693
Shore Hardness (Shore D)	-	64	ASTM D2240
Izod Impact Strength (Notched, 23 °C)	J/m	294.2	ASTM D256
Vicat Softening Temperature (10 N, 50 °C/h)	°C	124	ASTM D1525
Melting Point	°C	131	ASTM D2117
Whiteness Index	-	> 75	ASTM E313