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TABRIZ PETROCHEMICAL COMPANY

HIGH DENSITY POLYETHYLENE HD6070UA

HDPE 6070 UA is a high-density polyethylene (HDPE) grade designed specifically for injection molding applications. It stands out due to its narrow molecular weight distribution, which contributes to its unique properties and makes it suitable for a broad range of uses.

Producer	Characteristic Properties	Applications
TABRIZ	good impact strength, easy processing, high warpage resistance, high rigidity, UV stabilized	crates, boxes, seats

Typical Properties

Resin Properties	Unit	Typical Value	Test Method
Melt Flow Index (190°C 2.16KG)	g/10min	7	ASTM D-1238
Density	g/cm ³	0.960	ASTM D-1505
Yellow Index	-	-1	ASTM E-313
Whiteness Index	-	60	ASTM E-313
Vicat Softening Point	°C	120	ASTM D-1525
Tensile Stress at Yield	MPa	26	ASTM D-638
Elongation at Break	%	900	ASTM D-638
Charpy Impact	KJ/M ²	5	ASTM D-6110
Melting point	°C	132	ASTM D-2117
Flexural Modulus	MPa	1400	ISO178-197