



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

LORESTAN PETROCHEMICAL COMPANY

## HIGH DENSITY POLYETHYLENE HDPE 52B07

HDPE 52B07 is a type of high-density polyethylene (HDPE) used in injection molding applications. It is known for its good stretch and good physical properties

Producer	Characteristic Properties	Applications	Additive
LORESTAN	Good Fluidity, Good Impact Strength, Easy Processing, High Rigidity	Injection Moulding Grade, High Stretch Good Physical Properties	Antioxidant, UV-Stabilizer

### Typical Properties

Resin Properties	Unit	Typical Value	Test Method
Melt Index	g/10 min	7	ASTM D1238
Density	g/cc	0.952	ASTM D1505
F/E Ratio	-	<30	ASTM D1238
Vicat	°C	130	ASTM D1525
Tensile Stress @ Yield	MPa	27	ASTM D638
Tensile Stress @ Break	MPa	14	ASTM D638
Elongation @ Break	%	700	ASTM D638
Flexural Secant Modulus	MPa	1000	ASTM D790
Izod Impact Resistance	J/m	50	ASTM D256
Contamination	Ratio	<20	BASELL