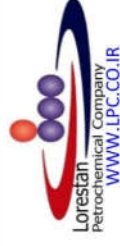


HDPE 52B07



High Density Polyethylene. Injection Moulding

► APPLICATION

Injection Moulding Grade, High Stretch Good Physical Properties

► FEATURE

CHARACTERISTICS:

Good Fluidity, Good Impact Strength, Easy Processing, High Rigidity

COMONOMER: BUTENE-1

ADDITIVES: Antioxidant, UV-Stabilizer*

► PROPERTIES

RESIN PROPERTY	METHOD	CONDITION	UNIT	VALUE
Melt Index	ASTM D1238	190°C/2.16kg	g/10min	7
Density	ASTM D1505	23°C	g/cc	0.952
F/E Ratio	ASTM D1238	-	-	<30
Vicat	ASTM D1525	-	°C	130
Tensile Stress @ Yield	ASTM D638	-	Mpa	27
Tensile Stress @ Break	ASTM D638	-	Mpa	14
Elongation @ Break	ASTM D638	-	%	700
Flexural Secant Modulus	ASTM D790	-	Mpa	1000
Izod Impact Resistance	ASTM D256	Notched Method	J/m	50
Contamination	BASELL.MTM-17064 E	-	Ratio	<20

Guaranteed items: Melt Index, Density, F/E Ratio

F/E : Ratio of MIF (190°C/21.6Kg) / MIE (190°C/2.16Kg)

*Anti-UV stabilizer will be added to the polymer according to the customer request.