KP Plastics
INDUSTRY ASSOCIATION

# HDPE 52B07 Technical Datasheet

## ► 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 |

## ► APPLICATION

Injection Moulding Grade, High Stretch Good Physical Properties

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