



Polymers


 Chemical &
Aromatics

 Fuel & Feeds
Stock

HDPE 2100J

Injection Grade

| Property | Test Method | Unit | Value |
|-----------------------------|---------------|-------------------|-------|
| Melt flow rate | ISO 1133 | g/10 min. | 5.8 |
| Density | ISO 1183 | kg/m ³ | 953 |
| Tensile Strength at yield | ISO 527-1, -2 | MPa | 21 |
| Tensile Strength at break | ISO 527-1, -2 | MPa | 13 |
| Elongation at Break | ISO 527-1, -2 | % | 370 |
| Charpy Impact strength | ISO 179-1 | kJ/m ² | 4.2 |
| Shore hardness | ISO 868 | D scale | 63 |
| Stress cracking resistance | ASTM 1693 | hr | 8 |
| Melting temperature | ISO 11357 | °C | 131 |
| Vicat softening temperature | ISO 306 | °C | 121 |

APPLICATION

Excellent environmental stress cracking resistance and good impact strength. General purpose and particularly suitable for enclosure materials Fenders of motorcycle, front cover of motorcycle, caps for mayonnaise bottles, caps for sauce bottles, casks for pickles, etc.