

TECHNICAL DATA SHEET



HDPG-Black

HDPE

Typical Application: Blow Moulding, Extrusion

Source: PCR

Dosage: Up to 100%

Colour: Black

| Typical Properties | Test Method | Unit | Value |
|----------------------------------|--|-------------------|-------|
| Density | ISO 1183 | g/cm ³ | -- |
| Moisture Content | Moisture Analyser [infrared] (weight loss) | % | < 0.1 |
| Ash Content | ISO No. 3451-1 | % | < 2% |
| Melt Flow Rate (190°C at 5kg) | ISO No. 1133 | g/10 min | < 0.7 |
| Tensile Strength at Yield (23°C) | ISO 527 | MPa | > 20 |
| Tensile Strength at Break (23°C) | ISO 527 | MPa | > 30 |
| Charpy Impact Strength Unnotched | ISO 527 | kJ/m ² | > 9 |

Disclaimer

The values quoted here are typical of the grade, however it is important to recognize that some variation around these values is to be expected as a result of uncertainties associated with measurement of the specific property and due to the normal variations encountered during the manufacturing process.