

## TECHNICAL DATA SHEET



### HDIG-Black

HDPE

**Typical Application:** Injection Moulding

**Source:** PCR

**Dosage:** Up to 100%

**Colour:** Black

| Typical Properties                     | Test Method                                | Unit              | Value   |
|--|--|-------------------|---------|
| Moisture Content                       | Moisture Analyser [infrared] (weight loss) | %                 | < 0.1   |
| Melt Flow Rate (190°C at 5kg)          | ISO 1133                                   | g/10 min          | 15 - 18 |
| Density                                | ISO 1183                                   | g/cm <sup>3</sup> | --      |
| Ash Content                            | ISO 3451-1                                 | %                 | < 2%    |
| Tensile Strength at Yield (23°C)       | ISO 527                                    | MPa               | --      |
| Tensile Strength at Break (23°C)       | ISO 527                                    | MPa               | --      |
| Charpy Impact Strength Unnotched (1eU) | ISO 527                                    | kJ/m <sup>2</sup> | --      |

#### 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.