

Borcycle™ MF1981SY

DATA SHEET / DATENBLATT

rPP - Compound

- Over 80% post consumer recycled content
- Mineral filled compound

TECHNICAL DATA

| | |
|--------------|-------------|
| Shape: | cylindrical |
| Colouring: | black |
| Filter size: | 180 µm |

| Characteristics | Test Norm | Testing Conditions | Unit | Typical value* |
|----------------------------------|------------------------------|--------------------|-------------------|----------------|
| MATERIAL PROPERTY VALUES | | | | |
| Density | DIN EN ISO 1183 | | g/cm ³ | 0,968 |
| Moisture Content | Moisture Analyser (infrared) | 105 °C | % | 0,1 |
| Ignition Residue | DIN EN ISO 1172 | 650 °C | % | 10 |
| RHEOMETRICAL PROPERTIES | | | | |
| Melt Flow Index MFI | DIN EN ISO 1133 | 230 °C/2,16 kg | g/10min | 19 |
| MECHANICAL PROPERTIES | | | | |
| Tensile Modulus | DIN EN ISO 527 | 1 mm/min | MPa | 1300 |
| Yield Stress | DIN EN ISO 527 | 50 mm/min | MPa | 21 |
| Charpy Impact Strength, edgewise | DIN EN ISO 179 | 23 °C ;1eA | kJ/m ² | 6 |

* Data should not be used for specification work



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