

PC/ABS 5176 9004

(PC+ABS)

MGG Polymers GmbH

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|-----------|-------------------|---------------|
| ISO Data | | | |
| Melt flow index, MFI | 23 | g/10min | ISO 1133 |
| Temperature | 260 | °C | - |
| Load | 5 | kg | - |
| Mechanical properties | | | |
| ISO Data | | | |
| Tensile Modulus | 2100 | MPa | ISO 527 |
| Yield stress | 40 | MPa | ISO 527 |
| Izod impact strength, +23°C | 130 | kJ/m ² | ISO 180/1U |
| Izod notched impact strength, +23°C | 25 | kJ/m ² | ISO 180/1A |
| Thermal properties | | | |
| ISO Data | | | |
| Vicat softening temperature, B | 100 | °C | ISO 306 |
| Other properties | | | |
| Density | 1150 | kg/m ³ | ISO 1183 |
| Processing Recommendation Injection Molding | | | |
| Pre-drying - Temperature | 90 | °C | - |
| Pre-drying - Time | 4 | h | - |
| Processing humidity | ≤0.02 | % | - |
| Melt temperature | 230 - 240 | °C | - |
| Mold temperature | 20 - 60 | °C | - |

Characteristics**Processing**

Injection Molding, Other Extrusion

Delivery form

Black

Special Characteristics

High impact or impact modified

Features

Copolymer

Certifications

Recycled Resin Content, RoHS compliant

Applications

General Purpose

Regional Availability

North America, Europe, Asia Pacific