

Polywood S3 50 PP 10081

PP-W50

Grade is obsolete.

Advanced Compounding GmbH & Co. KG

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------|---------|---------------|
| ISO Data | | | |
| Melt flow index, MFI | 18.8 | g/10min | ISO 1133 |
| Temperature | 230 | °C | - |
| Load | 10 | kg | - |

| Mechanical properties | Value | Unit | Test Standard |
|---------------------------------------|-------|-------------------|---------------|
| ISO Data | | | |
| Tensile Modulus | 4180 | MPa | ISO 527 |
| Tensile Strength | 44 | MPa | ISO 527 |
| Charpy impact strength, +23°C | 15.1 | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength, +23°C | 3.82 | kJ/m ² | ISO 179/1eA |

| Other properties | Value | Unit | Test Standard |
|------------------|-------|-------------------|---------------|
| Density | 1150 | kg/m ³ | ISO 1183 |

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Certifications

Contains renewable resources

Applications

Automotive

Regional Availability

Europe