



| TEREZ ABS 5010 | | | |
|--|--------------|-------------------|----------------------|
| ABS | | | Ter Plastics |
| Product Texts | | | |
| Standard quality with good flowability. For all kind of moulding parts. | | | |
| Rheological properties | | | |
| | Value | Unit | Test Standard |
| ISO Data | | | |
| Melt flow index, MFI | 16 | g/10min | ISO 1133 |
| MFI temperature | 220 | °C | ISO 1133 |
| MFI load | 10 | kg | ISO 1133 |
| Mechanical properties | | | |
| | Value | Unit | Test Standard |
| ISO Data | | | |
| Tensile Modulus | 2200 | MPa | ISO 527-1/-2 |
| Yield stress | 46 | MPa | ISO 527-1/-2 |
| Yield strain | 2.4 | % | ISO 527-1/-2 |
| Charpy notched impact strength (+23°C) | 19 | kJ/m ² | ISO 179/1eA |
| Charpy notched impact strength, -30°C | 10 | kJ/m ² | ISO 179/1eA |
| Thermal properties | | | |
| | Value | Unit | Test Standard |
| ISO Data | | | |
| Temp. of deflection under load (1.80 MPa) | 100 | °C | ISO 75-1/-2 |
| Vicat softening temperature, 50°C/h 50N | 97 | °C | ISO 306 |
| Other properties | | | |
| | Value | Unit | Test Standard |
| ISO Data | | | |
| Density | 1050 | kg/m ³ | ISO 1183 |