

Meyloy 6H 31

(PA6+PP)

Mepol S.r.l.

| Mechanical properties | Value | Unit | Test Standard |
|-------------------------------------|---------------|-------------------|----------------------|
| ISO Data | | | |
| Yield stress | 35 | MPa | ISO 527 |
| Strain at break | >50 | % | ISO 527 |
| Flexural modulus, 23°C | 1300 | MPa | ISO 178 |
| Izod notched impact strength, +23°C | 20 | kJ/m ² | ISO 180/1A |
| Shore D hardness | 77 | - | ISO 7619-1 |

| Thermal properties | Value | Unit | Test Standard |
|--|--------------|-------------|----------------------|
| ISO Data | | | |
| Melting temperature, 10°C/min | 220 | °C | ISO 11357-1/-3 |
| Temp. of deflection under load, 1.80 MPa | 45 | °C | ISO 75-1/-2 |
| Vicat softening temperature, A | 204 | °C | ISO 306 |
| Vicat softening temperature, B | 97 | °C | ISO 306 |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Water absorption | 1.8 | % | Sim. to ISO 62 |
| Density | 1100 | kg/m ³ | ISO 1183 |

Characteristics**Regional Availability**

Europe