

Meplen EH T40

PP-T40

Mepol S.r.l.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------------|---------|-----------------|
| ISO Data | | | |
| Melt flow index, MFI | 10 | g/10min | ISO 1133 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |
| Molding shrinkage, parallel | 1.0 | % | ISO 294-4, 2577 |

| Mechanical properties | Value | Unit | Test Standard |
|-------------------------------------|-------------|-------------------|---------------|
| ISO Data | | | |
| Yield stress | 28 | MPa | ISO 527 |
| Strain at break | 20 | % | ISO 527 |
| Flexural modulus, 23°C | 3600 | MPa | ISO 178 |
| Izod notched impact strength, +23°C | 2.5 | kJ/m ² | ISO 180/1A |
| Izod notched impact strength | 2 | kJ/m ² | ISO 180/1A |
| Temperature | 0 | °C | - |
| Shore D hardness | 76 | - | ISO 7619-1 |

| Thermal properties | Value | Unit | Test Standard |
|--|------------|------|----------------|
| ISO Data | | | |
| Melting temperature, 10°C/min | 165 | °C | ISO 11357-1/-3 |
| Temp. of deflection under load, 1.80 MPa | 77 | °C | ISO 75-1/-2 |
| Temp. of deflection under load, 0.45 MPa | 138 | °C | ISO 75-1/-2 |
| Vicat softening temperature, A | 155 | °C | ISO 306 |
| Vicat softening temperature, B | 102 | °C | ISO 306 |

| Other properties | Value | Unit | Test Standard |
|------------------|-------------|-------------------|---------------|
| Density | 1230 | kg/m ³ | ISO 1183 |

Characteristics**Special Characteristics**

Anti-static, U.V. stabilized or stable to weather, Heat stabilized or stable to heat

Regional Availability

Europe

Features

Homopolymer