

POLYabs T00

ABS

Polykemi AB

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|--------------|-------------------|----------------------|
| ISO Data | | | |
| Melt flow index, MFI | 23 | g/10min | ISO 1133 |
| Temperature | 230 | °C | - |
| Load | 5 | kg | - |
| Mechanical properties | | | |
| ISO Data | | | |
| Tensile Strength | 45 | MPa | ISO 527 |
| Yield strain | 6 | % | ISO 527 |
| Flexural modulus, 23°C | 2000 | MPa | ISO 178 |
| Charpy notched impact strength, +23°C | 12 | kJ/m ² | ISO 179/1eA |
| Thermal properties | | | |
| ISO Data | | | |
| Temp. of deflection under load, 1.80 MPa | 70 | °C | ISO 75-1/-2 |
| Temp. of deflection under load, 0.45 MPa | 80 | °C | ISO 75-1/-2 |
| Vicat softening temperature, A | 101 | °C | ISO 306 |
| Vicat softening temperature, B | 92 | °C | ISO 306 |
| Burning behav. at 1.5 mm nom. thickn. | HB | class | IEC 60695-11-10 |
| Thickness tested | 1.6 | mm | - |
| Glow Wire Ignition Temperature (GWIT) | 650 | °C | IEC 60695-2-13 |
| GWIT - thickness tested (1) | 2 | mm | - |
| Other properties | | | |
| Density | 1080 | kg/m ³ | ISO 1183 |

Characteristics**Processing**

Injection Molding

Delivery form

Granules

Special Characteristics

Transparent

Regional Availability

Europe, Asia Pacific