

PRECITE® P3 8 natural (7517)

PBT

Akro-Plastic GmbH

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|--------------|-------------------|----------------------|
| ISO Data | | | |
| Molding shrinkage, parallel | 1.8 | % | ISO 294-4, 2577 |
| Molding shrinkage, normal | 1.9 | % | ISO 294-4, 2577 |
| Mechanical properties | | | |
| ISO Data | | | |
| Tensile Modulus | 2400 | MPa | ISO 527 |
| Yield stress | 55 | MPa | ISO 527 |
| Yield strain | 7 | % | ISO 527 |
| Flexural modulus, 23°C | 2500 | MPa | ISO 178 |
| Flexural strength | 85 | MPa | ISO 178 |
| Charpy impact strength, +23°C | N | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength, +23°C | 4 | kJ/m ² | ISO 179/1eA |
| Thermal properties | | | |
| ISO Data | | | |
| Melting temperature, 10°C/min | 223 | °C | ISO 11357-1/-3 |
| Temp. of deflection under load, 1.80 MPa | 50 | °C | ISO 75-1/-2 |
| Burning behav. at thickness h | HB | class | IEC 60695-11-10 |
| Thickness tested | 0.8 | mm | - |
| Electrical properties | | | |
| ISO Data | | | |
| Volume resistivity | 1E11 | Ohm*m | IEC 62631-3-1 |
| Surface resistivity | 1E12 | Ohm | IEC 62631-3-2 |
| Other properties | | | |
| Water absorption | 0.5 | % | Sim. to ISO 62 |
| Density | 1310 | kg/m ³ | ISO 1183 |

Characteristics**Delivery form**

Natural Color

Regional Availability

Europe, Asia Pacific

Certifications

Food contact