

**PRECITE® P1 natural (7010)**

PBT

Akro-Plastic GmbH

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Molding shrinkage, parallel	1.8	%	ISO 294-4, 2577
Molding shrinkage, normal	1.9	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	2400	MPa	ISO 527
Yield stress	55	MPa	ISO 527
Yield strain	10	%	ISO 527
Flexural modulus, 23°C	2600	MPa	ISO 178
Flexural strength	90	MPa	ISO 178
Charpy impact strength, +23°C	N	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	3.5	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	223	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	55	°C	ISO 75-1/-2
<b>Electrical properties</b>			
<b>ISO Data</b>			
Volume resistivity	1E11	Ohm*m	IEC 62631-3-1
<b>Other properties</b>			
Water absorption	0.5	%	Sim. to ISO 62
Density	1310	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Delivery form**

Natural Color

**Regional Availability**

Europe, Asia Pacific

**Applications**

Automotive, Electrical and Electronical