

**PRECITE® P3 8 black (8191)**

PBT

Akro-Plastic GmbH

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>2550</b>	MPa	ISO 527
Yield stress	<b>60</b>	MPa	ISO 527
Yield strain	<b>11</b>	%	ISO 527
Charpy impact strength, +23°C	<b>90</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>5</b>	kJ/m <sup>2</sup>	ISO 179/1eA

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melting temperature, 10°C/min	<b>225</b>	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	<b>55</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>150</b>	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	<b>HB</b>	class	IEC 60695-11-10
Thickness tested	<b>1.6</b>	mm	-

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1310</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Delivery form**

Black

**Applications**

Electrical and Electronical

**Certifications**

Food contact

**Regional Availability**

Europe, Asia Pacific