

**AKROMID® B3 9 natural (6409)**

PA6

Akro-Plastic GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	1.1	%	ISO 294-4, 2577
Molding shrinkage, normal	1.2	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	3300	MPa	ISO 527
Yield stress	85	MPa	ISO 527
Yield strain	4	%	ISO 527

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	220	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	60	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	180	°C	ISO 75-1/-2

Electrical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Volume resistivity	1E11	Ohm*m	IEC 62631-3-1

Other properties	Value	Unit	Test Standard
Density	1130	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	270	°C	-
Mold temperature	80	°C	-
Injection pressure	75	MPa	-

**Characteristics****Processing**

Injection Molding

**Applications**

Electrical and Electronical

**Delivery form**

Natural Color

**Regional Availability**

Europe, Asia Pacific