

**Alamid® 6 HZ 4**

PA6

Brenntag AG

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	1.5	%	ISO 294-4, 2577
Thermal conductivity of melt	0.23	W/(m K)	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	2700	MPa	ISO 527
Yield stress	70	MPa	ISO 527
Strain at break	15	%	ISO 527
Charpy impact strength, +23°C	N	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	8.5	kJ/m <sup>2</sup>	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	221	°C	ISO 11357-1/-3
Temp. of deflection under load, 0.45 MPa	185	°C	ISO 75-1/-2

Electrical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Surface resistivity	1E12	Ohm	IEC 62631-3-2

Other properties	Value	Unit	Test Standard
Humidity absorption	2.2	%	Sim. to ISO 62
Density	1100	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding

**Regional Availability**

Europe

**Special Characteristics**

High impact or impact modified