

Alamid® 6.6 S Natur-9142

PA66

Brenntag AG

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	1.8	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3100	MPa	ISO 527
Yield stress	80	MPa	ISO 527
Strain at break	20	%	ISO 527
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	260	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	75	°C	ISO 75-1/-2

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	1E12	Ohm	ASTM D 257

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

Characteristics**Processing**

Injection Molding

Delivery form

Natural Color

Regional Availability

Europe