

Alamid® 6.6 GF 30 MOD WL schwarz-9665

PA66-GF30

Brenntag AG

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577
Thermal conductivity of melt	0.9	W/(m K)	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	13500	MPa	ISO 527
Tensile Strength	130	MPa	ISO 527
Strain at break	1.5	%	ISO 527
Charpy impact strength, +23°C	25	kJ/m ²	ISO 179/1eU

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	259	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	246	°C	ISO 75-1/-2
Temp. of deflection under load, 8.00 MPa	180	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	21	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	63	E-6/K	ISO 11359-1/-2

Other properties	Value	Unit	Test Standard
Density	1550	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Delivery form

Black

Special Characteristics

Thermally Conductive

Regional Availability

Europe