Alamid® 6.6 GK 50

PA66-GX50 Brenntag AG

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	**5800**	MPa	ISO 527
Yield stress	**85**	MPa	ISO 527
Yield strain	**7**	%	ISO 527
Charpy impact strength, +23°C	**20**	kJ/m²	ISO 179/1eU
Charpy notched impact strength, +23°C	**2**	kJ/m²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	**260**	°C	ISO 11357-1/-3
Temp. of deflection under load, 0.45 MPa	**225**	°C	ISO 75-1/-2
Burning behav. at thickness h	**HB**	class	IEC 60695-11-10
Thickness tested	**3.2**	mm	-
Glow Wire Flammability Index (GWFI)	**650**	°C	IEC 60695-2-12
GWFI - thickness tested (1)	**2**	mm	-

Electrical properties	Value	Unit	Test Standard
ISO Data			
Comparative tracking index	**450**	-	IEC 60112

Other properties	Value	Unit	Test Standard
Density	**1500**	kg/m³	ISO 1183

Characteristics

Regional Availability

Europe

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