

Product Texts

Medium viscosity standard PA6 with 40% mineral filler.
For parts with demand to low warpage.

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	6200 / -	MPa	ISO 527
Stress at break	98 / -	MPa	ISO 527
Strain at break	4 / -	%	ISO 527
Charpy impact strength, +23°C	30 / -	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	6 / -	kJ/m ²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	115 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	195 / *	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB / *	class	IEC 60695-11-10
Thickness tested	1.6 / *	mm	-

Other properties	dry / cond	Unit	Test Standard
Water absorption	6 / *	%	Sim. to ISO 62
Humidity absorption	1.8 / *	%	Sim. to ISO 62
Density	1460 / -	kg/m ³	ISO 1183

Characteristics

Features

Low Warpage

Regional Availability

Europe