

Product Texts

Medium viscosity PA66 with 30% glass fibre reinforcement and hydrolysis stabilisation.
Moulding parts of high rigidity and good heat resistance.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	9800	MPa	ISO 527
Stress at break	180	MPa	ISO 527
Strain at break	2	%	ISO 527
Charpy impact strength, +23°C	70	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	10	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	235	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	245	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Water absorption	5.7	%	Sim. to ISO 62
Humidity absorption	1.8	%	Sim. to ISO 62
Density	1360	kg/m ³	ISO 1183

Characteristics

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

Europe

Chemical Resistance

Hydrolytically Stable