

Product Texts

Polyamid 66 with 15%PTFE chemically coupled as well as UV stabilisation.

For all kind of injection molding parts with increased abrasion resistance and anti-friction properties.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3400	MPa	ISO 527
Yield stress	72	MPa	ISO 527
Yield strain	3.1	%	ISO 527
Strain at break	7	%	ISO 527
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	5	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	75	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	210	°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	Value	Unit	Test Standard
Water absorption	7.2	%	Sim. to ISO 62
Humidity absorption	1.9	%	Sim. to ISO 62
Density	1220	kg/m ³	ISO 1183

Characteristics

Special Characteristics

U.V. stabilized or stable to weather

Regional Availability

Europe