

Product Texts

Polyarylamid with 30% glass fiber reinforced and heat stabilization.
For all kind of injection molding parts.

preliminary data

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	12000 / 11500	MPa	ISO 527
Stress at break	195 / 180	MPa	ISO 527
Strain at break	1.9 / 2.3	%	ISO 527
Charpy impact strength, +23°C	45 / 50	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	6 / 7	kJ/m ²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	237 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	225 / *	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB / *	class	IEC 60695-11-10
Thickness tested	1.6 / *	mm	-

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
Electric strength	30 / -	kV/mm	IEC 60243-1
Comparative tracking index	370 / -	-	IEC 60112

Other properties	dry / cond	Unit	Test Standard
Water absorption	2 / *	%	Sim. to ISO 62
Humidity absorption	0.21 / *	%	Sim. to ISO 62
Density	1420 / -	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

Heat stabilized or stable to heat

Regional Availability

Europe