

Product Texts

Polyarylamide with 50% glass fiber reinforcement and heat stabilization.
For all kind of injection molding parts.

preliminary data

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	20000 / 20000	MPa	ISO 527
Stress at break	280 / 260	MPa	ISO 527
Strain at break	2 / 2.4	%	ISO 527
Charpy impact strength, +23°C	65 / 70	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	15 / 16	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	215 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	230 / *	°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	31 / -	kV/mm	IEC 60243-1
Comparative tracking index	570 / -	-	IEC 60112

Other properties	dry / cond	Unit	Test Standard
Water absorption	1.5 / *	%	Sim. to ISO 62
Humidity absorption	0.16 / *	%	Sim. to ISO 62
Density	1640 / -	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

Heat stabilized or stable to heat

Regional Availability

Europe