

Product Texts

Medium viscosity standard quality, 25 % glassfiber reinforced, heat stabilized with good flowability, good impact resistance and bright natural colour.

For all kind of moulding parts with high stiffness at good thermal stability.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	8500	MPa	ISO 527
Tensile Strength	155	MPa	ISO 527
Yield stress	170	MPa	ISO 527
Stress at break	145	MPa	ISO 527
Strain at break	2	%	ISO 527
Charpy impact strength, +23°C	55	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	18	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	230	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	240	°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	5.7	%	Sim. to ISO 62
Humidity absorption	1.7	%	Sim. to ISO 62
Density	1320	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

Heat stabilized or stable to heat

Regional Availability

Europe