



TEREZ PC 9001 UV

PC

Ter Plastics

Product Texts

Unreinforced Polycarbonate with high viscosity, UV-stabilizer and mold release agent.

For injection moulding parts with short flow distances.

Rheological properties

ISO Data	Value	Unit	Test Standard
Melt flow index, MFI	3	g/10min	ISO 1133
MFI temperature	300	°C	ISO 1133
MFI load	1.2	kg	ISO 1133

Mechanical properties

ISO Data	Value	Unit	Test Standard
Tensile Modulus	2600	MPa	ISO 527-1/-2
Tensile Strength	60	MPa	ISO 527-1/-2
Yield stress	59	MPa	ISO 527-1/-2
Yield strain	6	%	ISO 527-1/-2
Stress at break	10	MPa	ISO 527-1/-2
Strain at break	64	%	ISO 527-1/-2
Charpy notched impact strength (+23°C)	20	kJ/m ²	ISO 179/1eA

Thermal properties

ISO Data	Value	Unit	Test Standard
Temp. of deflection under load (1.80 MPa)	130	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	150	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	IEC 60695-11-10

Other properties

ISO Data	Value	Unit	Test Standard
Water absorption	0.35	%	Sim. to ISO 62
Density	1200	kg/m ³	ISO 1183

Characteristics

Special Characteristics

Light stabilized or stable to light