

Margard



Colour: Clear

Density: 1.20g/cm³

Material Data Sheet

Mechanical Properties	Parameter	Value	Unit	DIN/EN/ISO
Tensile strength at yield		60	MPa	527
Tensile modulus		2350	MPa	527
Elongation, yield		6	%	527
Elongation, break		100	%	527
Flexural strength, yield		90	MPa	178
Flexural modulus		2300	MPa	178

Thermal Properties	Parameter	Value	Unit	DIN/EN/ISO
Vicat softening temperature	B/120	145	°C	306
HDT/Be, 0.45 MPa		138	°C	75/Be
Thermal expansion		7x10 ⁻⁵	1/°C	11359-2

Optical Properties	Parameter	Value	Unit	DIN/IEC
Light Transmission (<3mm)		89.5	%	D1003
Light Transmission (3-6mm)		89.5-86	%	D1003

Other properties	Parameter	Value	Unit	DIN/EN/ISO/IEC
Water absorption	Saturation/23°C	0.35	%	62



Direct Plastics Ltd. Rother Valley Way, Holbrook, Sheffield, S20 3RW

The following information corresponds with our current knowledge and indicates our products and possible applications. We cannot give a legally binding guarantee of certain properties or the suitability for a specific application. Existing commercial patents must be observed. A definitive quality guarantee is given in our general conditions of sales. Unless otherwise stated, these values represent averages taken from injection moulding samples. We reserve the right of technical alterations.