

Satiné-Blend

UV stabilized

If not stated otherwise, the given values result from tests which were realised using standardised specimen at room temperature. The given figures are indications only and therefore not binding. Please note the properties can be significantly affected by the tooling, the processing conditions as well as by the tolerances which are given due to the material.

Mechanical characteristics

	Unit	Standard	Data
Modulus of elasticity (1mm/min)	MPa	ISO 527-1/-2	2350
Charpy impact resistance	kJ/m ²	ISO 527-1/-2	100
Yield stress (50mm/min)	MPa	ISO 527-1/-2	63
Strain at break (50mm/min)	%	ISO 527-1/-2	120
Yield strain (50mm/min)	%	ISO 527-1/-2	6

Thermal characteristics

	Unit	Standard	Data
Vicat-softening temperature (B120)	°C	ISO 306	143
Heat distortion temperature (1,8MPa)	°C	ISO 75-1/-2	127
Heat distortion temperature (0,45MPa)	°C	ISO 75-1/-2	138
Linear coefficient of thermal expansion (parallel)	10 ⁻⁴ /K	ISO 11359-1/ -2	0,7

Fire characteristics

	Unit	Standard	Data
Fire behavior		DIN 4102	B1
Glow wire ignition temperature	°C	IEC 60695-2 -12	960

Physical Characteristics

	Unit	Standard	Data
Density	g/cm ³	ISO 1183	1,19

Optical characteristics

	Unit	Standard	Data
Transmission (3mm)	%	ISO 13468-2	66