

Polycarbonat – Technical Data Sheet

mechanical parameters

Yield stress (50 mm / min):	specific 63 MPa
Tensile strain at yield (50 mm / min):	6 %
Tensile modulus:	2350 MPa
IZOD notched 23°:	70 kJ/m ²
IZOD notched -30°:	12 kJ/m ²
hardness H358/30:	95 MPa
Heat distortion temperature 1.80 MPa	127 °C

electrical parameters

surface resistivity	≥1.E+15
volume resistivity	≥1.E+15

other parameters

flammability UL 94	V2 (0,75 mm)
flammability UL 94	V0 (6,0 mm)
water abs.	ca. 0,35 %
glow wire	850 °C (1mm)

UV-radiation: not limiting the operation during life time

Contamination free of: cadmium, halogen