

Polyamid – Technical Data Sheet

mechanical parameters

Yield stress (50 mm / min):	specific 80 MPa	conditioned 40 Mpa
Tensile strain at yield (50 mm / min):	4 %	20 %
Tensile modulus:	3200 MPa	1000 MPa
IZOD notched 23°:	< 10 kJ/m ²	20 kJ/m ²
IZOD notched -30°:	< 10 kJ/m ²	< 10 kJ/m ²
hardness ball:	140 N/mm ²	50 N/mm ²
Heat distortion temperature 1.80 MPa	55 °C	

electrical parameters

comparative tracking index	CTI 600	
surface resistivity	1E14	
volume resistivity	1E13 cm	1E10 cm

other parameters

flammability UL 94	V2 (1,6 mm)	
water abs.	ca. 3 %	
glow wire	750 °C (2mm)	
UV-radiation:	not limiting the operation during life time	
Contamination free of:	cadmium, halogen	