



It is a thermoplastic main technical features as high mechanical strength, stiffness and toughness.

Has a high impact resistance even at low temperatures, very good dimensional stability and is suitable in applications requiring slip property. Is a material easily machinable, and which is physiologically inert suitable for contact with food. Is a suitable material for machining on automatic lathes, and especially recommended for precision mechanical parts.

FEATURES	METHOD	UNIT	VALUE
DENSITY	DIN 53479	g/cm <sup>3</sup>	1,41
MOISTURE ABSORPTION	50% VHR	%	0,16
	100% HR		0,8
MELTING POINT	ASTM D 789	°C	165
THERMAL CONDUCT.	DIN 52612	W/Km	0,31
THERMAL COE. 20 to 50 °C		m/m K	110×10 <sup>-6</sup>
MAX. TEMPERATURE USE	REGULAR	°C	100
	WITH TIPS		140
MIN. TEMPERATURE USE		°C	-50
TENSILE STRENGTH	DIN 53455	N/m/m <sup>2</sup>	65
ELASTIC MODULUS	DIN 53457	N/m/m <sup>2</sup>	2.900
COEFFICIENT OF FRICTION			0,1 -0,3