

technical plastic: Polypropylen (PP)

application

Parts production with high fire protection requirements

properties

high chemical resistance | Temperature application range from 0°C to +100°C

storage

Dry in the plus range | Panels can cause flatness problems due to internal stresses.

processing

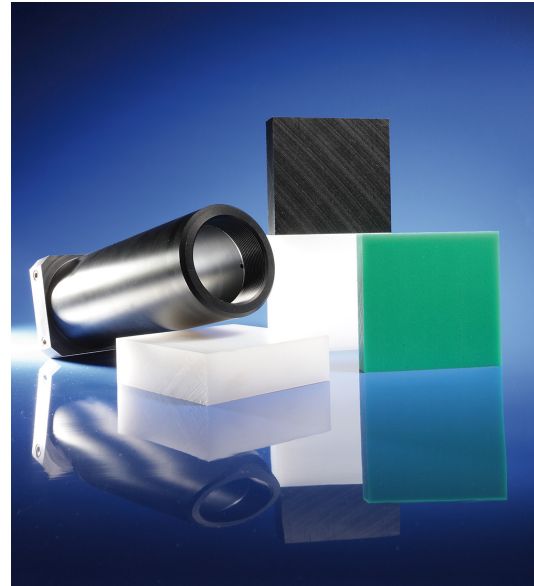
High cutting speed | low feed rate | observe good chip evacuation!

Welding

according DIN 1910 Teil 3

product range

We offer polypropylene as semi-finished products in various dimensions and thicknesses as sheets | solid rods



The material complies with the requirements of the FDA regulations, U.S. FDA 21 CFR 177.1520 and (EU) Nr. 10/2011.

properties	values
quality	PP-H
colour	natur
hardness (Shore D) DIN EN ISO 868 (15 s)	70
gravity (g/cm ³) DIN EN ISO 1183	0,90
tension at yield (MPa) DIN EN ISO 527	32
elongation at yield stress (%) DIN EN ISO 527	8
impact strength (kJ/m ²) DIN EN ISO 179	without breakage
notch impact strength Charpy (kJ/m ²) DIN EN ISO 179-1eA	7
spec. surface resistance (Ohm) DIN IEC 60093	≥ 10 ¹³
fire behaviour DIN 4102	B2 normal flammability (self-assessment without test certificate)
temperature range (C°)	ca. 0 ~ +100



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We point out that all information within this catalogue must be considered as rough guidelines. All information provided does not describe any warranted characteristics of materials. The information in this catalogue is based upon individual measurements representing our best knowledge as of the day of measurement. They are subject to technical modifications. We point out that the specific operation conditions may influence the properties of each individual product. For this reason, the customer is required to perform an aptitude test of the materials. The use of our materials is the sole responsibility of the user.

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