

**NEW**

## SUSTAKON®: The new -all round material

**Polyketone (PK) is available in semi-finished form for the first time**

Röchling is the first plastics processor to offer semi-finished products made of the new, exceptional material polyketone (PK). The sheets and rods manufactured under the brand name **SUSTAKON®** feature an exceptional set of properties that no other polymer has in this form.

### New design possibilities

Due to its chemical structure, the material offers a **unique combination** of mechanical, tribological and chemical properties. **SUSTAKON®** opens up **brand new options** for **design engineers** in the manufacture of components for plants and machines. This new **multi-purpose material** with exceptional properties meets the high demands of various applications.



*Available for the first time in semi-finished form: SUSTAKON® offers a unique combination of mechanical, tribological and chemical properties*

### Properties

#### Mechanical properties:

- Excellent resilience
- High dimensional stability and accuracy to size
- High rigidity
- Low water absorption

#### Tribological properties:

- Excellent friction and wear properties even with sliding partners made of the same material

#### Chemical properties

- Excellent resistance to aggressive chemical media, lyes, lubricants, oils, greases and weak acids

### Areas of application

SUSTAKON® is ideal for making components such as:

- Gear wheels, friction bearings, cable guides, rollers, seals and pump components
- For applications in chemical plants, ship building, offshore applications and in the oil and gas industry



*Rollers made of SUSTAKON® offer excellent resilience*

### Product range

Rods		
Diameter	Length	
up to 120 mm	3,000 mm	
Sheets		
Thickness	Width	Length
up to 50 mm	620 mm	3,000 mm

Colour: natural  
Other dimensions on request.

**Many dimensions available ex stock.**

### Contact

Please do not hesitate to contact us if you require more details regarding the properties and possible applications of SUSTAKON®.

**Please write to:**  
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