

# TECNOPRENE® FK6HCT

## TECNOPRENE®

### Product information

Resin Identification	PP-GF30	ISO 1043
Part Marking Code	>PP-GF30<	ISO 11469

### Rheological properties

Melt mass-flow rate	4.9 g/10min	ISO 1133
Melt mass-flow rate, Temperature	230 °C	
Melt mass-flow rate, Load	2.16 kg	

### Typical mechanical properties

Tensile modulus	7100 MPa	ISO 527-1/-2
Tensile stress at break, 5mm/min	85 MPa	ISO 527-1/-2
Flexural modulus	6600 MPa	ISO 178
Flexural strength	140 MPa	ISO 178
Charpy impact strength, 23°C	35 kJ/m <sup>2</sup>	ISO 179/1eU
Izod notched impact strength, 23°C	12 kJ/m <sup>2</sup>	ISO 180/1A
Poisson's ratio	0.35 <sup>[C]</sup>	
[C]: Calculated		

### Thermal properties

Temperature of deflection under load, 1.8 MPa	151 °C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	138 °C	ISO 306

### Flammability

Burning Behav. at thickness h	HB class	IEC 60695-11-10
Thickness tested	3.2 mm	IEC 60695-11-10
FMVSS Class	B	ISO 3795 (FMVSS 302)
Burning rate, Thickness 1 mm	65.1 mm/min	ISO 3795 (FMVSS 302)

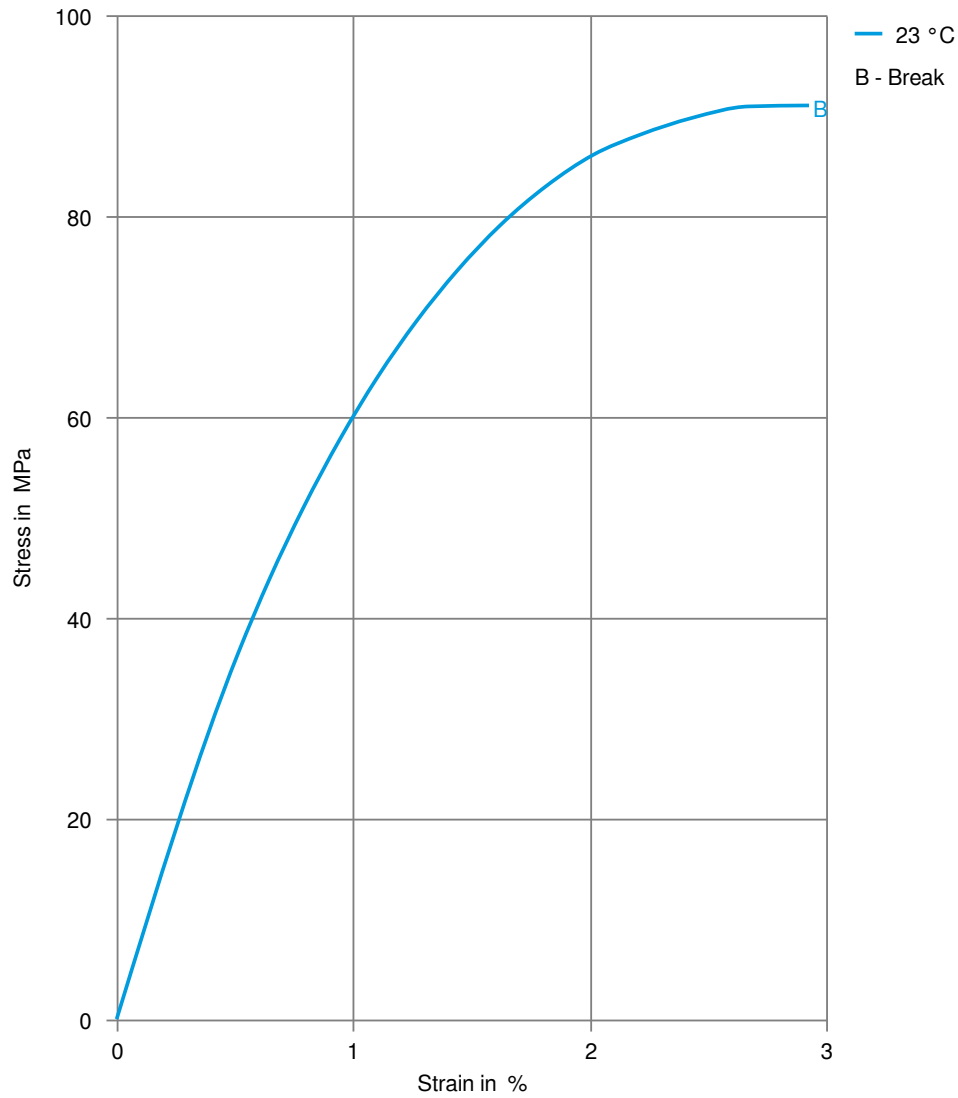
### Physical/Other properties

Density	1130 kg/m <sup>3</sup>	ISO 1183
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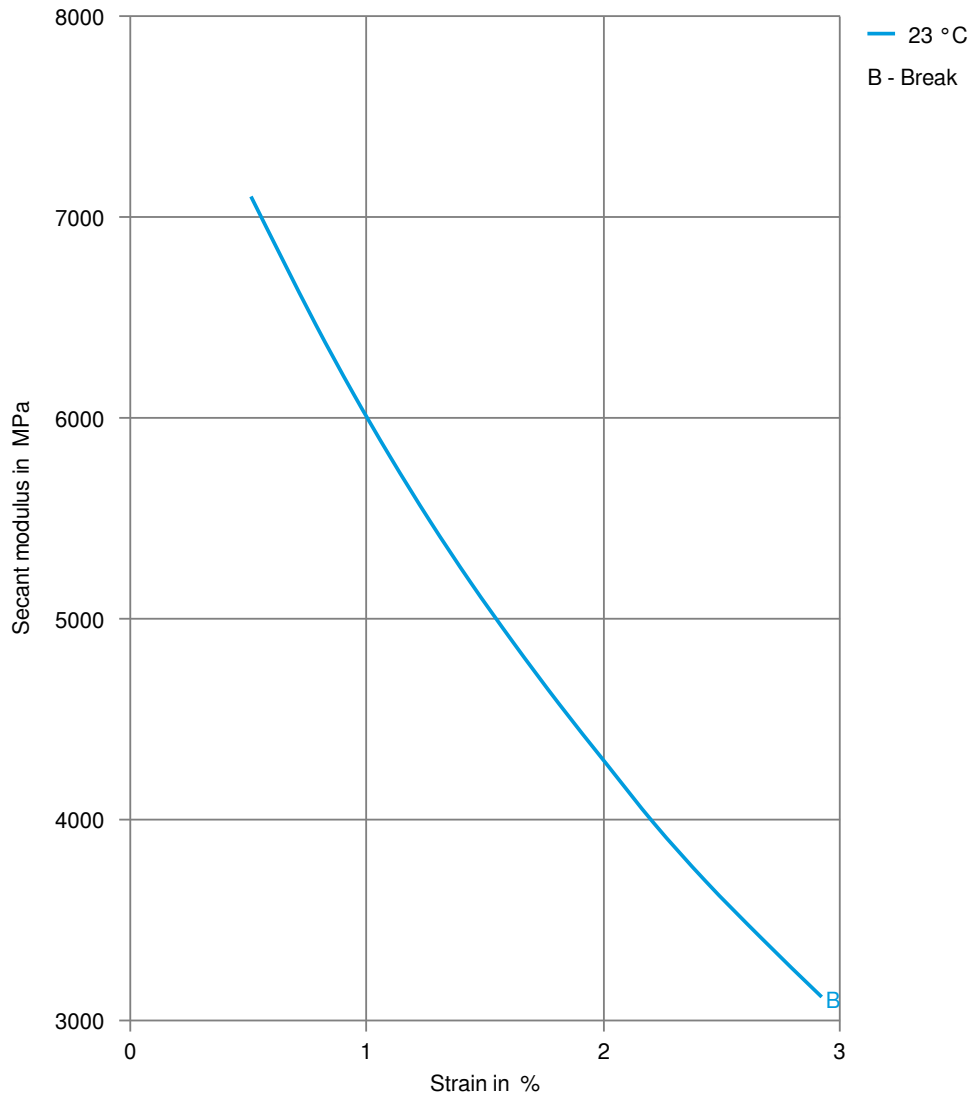
## Stress-strain



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## Secant modulus-strain



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