

Techtron HPV does not absorb moisture and has excellent resistance to high-energy radiation

ISO	PPS poly(phenylene sulfide)
Shape	Sheet
Color	color_dblue
Temperature Range	-20 and 220 °C
tbl_temp_melting	280 °C
Density	1430 kg/m ³
Hardness	82 Rockwell M
Elongation at break	4 %
Tensile strength	78 N/mm ²
Flame Resistance (UL 94)	V-0

Material information

Measurement tolerance 2768-mK

This material has the same properties as Peek except for temperature.

This material is an alternative to Peek at lower temperatures.

Petrol	Oil	UV	Water	Acids	Alkali	Base
Moderate	Moderate	Low	Moderate	Low	Moderate	Moderate

Item Overview

Item Code	Item Name	Width (mm)	Length (mm)
66200050	PPS Techtron HPV 5 mm		
66200080	PPS Techtron HPV 8 mm		
66200100	PPS Techtron HPV 10 mm		
66200120	PPS Techtron HPV 12 mm		
66200160	PPS Techtron HPV 16 mm		
66200200	PPS Techtron HPV 20 mm		
66200250	PPS Techtron HPV 25 mm		
66200300	PPS Techtron HPV 30 mm		

Water absorption

The extent to which the product absorbs water when tested for 24 hours in water at 23 degrees in accordance with ISO 63.

Immersion	Saturation
0,010 %	0,200 %

Thermal properties

[tbl_thermal_explainer](#)

tbl_thermische_geleiding	tbl_lin_uitzet_2360	tbl_lin_uitzet_23100	tbl_temp_deflection_load
0,300 W/(K.m)	0 x 10 ⁻⁶ m/(m.K)	50 x 10 ⁻⁶ m/(m.K)	0 °C



Related materials

Code	Group Name	Shape	Color
662	PPS Techtron HPV	Sheet	<u>color_dblue</u>

We provide product information as known by us with great care. We cannot accept any liability for errors and/or inaccuracies and/or incompleteness. Please note that our products are intended for professional use only. For high impact applications and/or combinations of limit values we always recommend to have the properties specific to that situation verified by us. If there are multiple specifications for a product we will use the standard of 2mm or the closest specification.

