



## CENTROTRON PPS

### High strength and chemical resistance

Polyphenylene sulphide are sulphurous aromatic high-performance plastics, which are produced from phynylmercaptan. Due to their high long-term temperature application ability of +260 °C and the excellent chemical resistance, they are among the most important high-performance plastics. They

are oxidation and hydrolysis resistant and possess a low coefficient of sliding friction. Polyphenylene sulphides are oft en used in electrical engineering.

## MATERIAL PROPERTIES

Water absorption:	less good
Strength, Hardness, Toughness:	very good
Temperature for usage in air:	very good
Dimensional stability, Heat distortion temperature:	good
Bond-, Weld- and Machinability:	good
Acid and Chemical resistance:	very good

## PRODUCT INFORMATION

Designation:	Polyphenylene sulphide
Other names:	Poly(thio-p-phenylene)
Abbreviation ISO 1043:	PPS
CAS-Number:	26125-40-6   25212-74-2
Type of polymer:	Thermoplastic
Molecular Shapeula:	C6H4S



## FIELD OF APPLICATION

- › Exhaust pipes
- › Pumps
- › Sealing rings

## MODIFICATIONS

- › **PPS**
- › **PPS GF 15**
- › **PPS GF 40**