

## Application purpose and characteristics

Soft-PVC (Polyvinylchlorid) is a low-cost amorph thermoplastic plastic with resistance to acids, alkalis, ethanol, oil and petrol.

Material name, short description	PVC
Material name, based on technical standards	Polyvinyl chloride
Density	1.3 g/cm <sup>3</sup>
Color	black
Compound code	PVC 63.323-01

## Mechanical properties

Tensile strength	≥ 9 N/mm <sup>2</sup> ISO 527
Elongation at break	≥ 250 % ISO 527
Hardness nominal value	60 ±2 Shore A ISO 868

## Thermal attributes

Min. operating temperature	-30 °C
Max. operating temperature long term	50 °C
Max. operating temperature short term	65 °C

In compliance with **RoHS** and **REACH** directives.

This information is based on our available data. These values are measured on standard test specimens and are within the normal tolerance range of material properties and do not represent guaranteed property values. Therefore they shall not be used for specification purposes. The customer is solely responsible for quality and suitability of material for his application. He has to test usage and processing prior to use. Angst+Pfister makes no guarantees for the suitability of the material for any given application and assumes no obligation or liability in connection with the information provided above.