

## Material datasheet

### Material: PAS-PVC weich (soft)

#### mechanical characteristics

Characteristic	Standard	Unit	Value
Tensile strength (+23°C, dry)	ISO 527-1/-2 DIN 53455 ASTM D 638	MPa (N/mm <sup>2</sup> )	1.6
Elongation at break (+23°C, dry)	ISO 527-1/-2 DIN 53455 ASTM D 638	%	340

#### thermal characteristics

Characteristic	Standard	Unit	Value
min. Operating temperature (continuous)		°C	-16
max. service temperature (continuous)		°C	50
max. service temperature (short-term)		°C	60

#### electrical characteristics

Characteristic	Standard	Unit	Value
Surface resistivity (dry)	DIN IEC 60093 (DIN VDE 0303-30) ASTM D 257	Ω	10 <sup>11</sup>

#### physical characteristics

Characteristic	Standard	Unit	Value
Density, Gross density	ISO 1183 DIN 53479 ASTM D 792	g/cm <sup>3</sup>	1.22

#### chemical characteristics

Characteristic	Standard	Unit	Value
UV light and weathering			conditionally stable
Physiology	Faigle		unsuitable

These data are guideline values which are subject to change depending on the type of manufacture of the test specimens and stress. These data are based on our own experience and on manufacturer's data. However, they are provided without guarantee, since each application is different and must be considered with reference to its specific influence parameters.