

Material name, short description	PVC-U
Material name, based on technical standards	Polyvinylchlorid unplasticized
Density	1.44 g/cm ³
Color	dark grey, RAL 7011
Compound code	PVC-U 00.005-01

Mechanical properties

Modulus of elasticity & tension 1	3300 N/mm ² DIN EN ISO 527
Yield stress	58 N/mm ² DIN EN ISO 527
Elongation at yield	4 % DIN EN ISO 527
Notch impact strength	4.00 kJ/m ² DIN EN ISO 179

Thermal attributes

Max. operating temperature long term	60 °C
Coefficient of linear thermal expansion 1	0.8 * 10 ⁻⁴ K ⁻¹ ISO 11359-2
Heat deflection temperature 1	74 °C DIN EN ISO 306 Vicat B

Electrical attributes

Dielectric strength 1	39 kV/mm DIN IEC 60243-1
Surface resistivity	10 ¹³ Ω DIN IEC 60093

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.