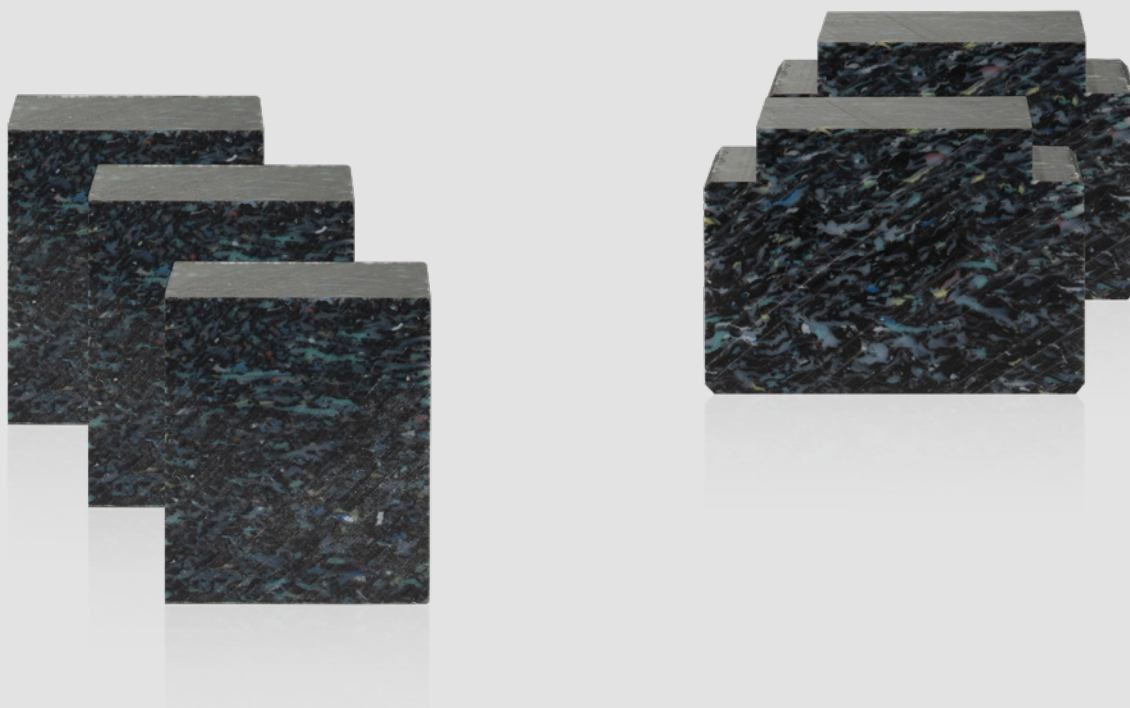


Secure purchase and the highest flexibility when handling



blaugelb Filling Piece (Gealan)

The perfect connection between threshold and profile.

Product features:

The blaugelb Filling Piece consists of an extremely versatile ultra-high molecular weight high-density polyethylene with a molecular weight of approx. 500,000 g/mol. and an admixture of reclaimed materials of consistent quality. High wear resistance, high impact resistance and outstanding slip properties make it a perfect match for use in the threshold area, door construction or mechanical engineering, for example.

The blaugelb Filling Piece is particularly suitable as an insulating connection between the aluminium threshold and the profile system. It is temperature-resistant and has a high abrasion resistance. The blaugelb Filling Piece for different profile systems 50 mm sizes/20 PU can be cut, milled and screwed without pre-drilling with fitting screws.

- Perfectly insulating connection between the aluminium threshold and the profile system
- Outstanding slip properties with high wear resistance
- High temperature resistance, high abrasion resistance
- Can be cut, milled and screwed (without pre-drilling with fitting screws)

Continued on
the next page ►



Technical data:

Basis:	High-density polyethylene with reclaimed materials
Density: ISO 1183	~ 0.96 g/cm ³
Water absorption:	≤ 0.01 %
Tensile stress at yield: DIN EN ISO 527	~ 20 MPa
Elongation at break: ISO 527-2 / 1B / 50 mm/min	≥ 17 N/mm ²
Modulus of elasticity (tension): DIN EN ISO 527	~ 800 MPa
Ball indentation hardness: DIN EN ISO 2039-1	50 MPa
Notched impact strength (Charpy): DIN EN ISO 11542-2	~ 15 kJ/m ²
Shore hardness: DIN EN ISO 868	63 (scale D)
Coefficient of friction: DIN 53375	0.2
Wear: Sand slurry method	< 400
Melting temperature: DIN EN ISO 3146	130 – 140 °C
Thermal conductivity:	0.4 W/(m·K)
Coefficient of linear thermal expansion: DIN 53752	1.5 to 2 · 10 ⁻⁴ K ⁻¹
Operation temperature, long-term:	-60 °C to +80 °C

The specified values were determined from many individual measurements as average values and correspond to the state of our current knowledge. They serve solely to provide information about our products and are intended to aid you in the selection of materials. We do not hereby make legally binding assurances of certain properties or of the suitability for certain applications. Because the properties are also dependent on the dimensions of the semi-finished products and the degree of crystallisation (e.g. nucleation by pigments), the actual values of the properties of a certain product may differ slightly from the specifications.

Product name	PU	Item no.
blaugelb Filling Piece 26x30x50 mm (Gealan 6002)	20 pcs./box	0416200
blaugelb Filling Piece 28x29x50 mm (Gealan 8001)	20 pcs./box	0416205
blaugelb Filling Piece 25x41x50 mm (Gealan 6016)	20 pcs./box	0416206
blaugelb Filling Piece 18x39x50 mm (Gealan 6049/6050)	20 pcs./box	0416207
blaugelb Filling Piece 30x43x50 mm (Gealan 6022) milled	20 pcs./box	0416208
blaugelb Filling Piece 30x43x50 mm (Gealan 8012)	20 pcs./box	0416209
blaugelb Filling Piece 25x43x50 mm (Gealan 8006)	20 pcs./box	0416210
blaugelb Filling Piece 28x35x50 mm (Gealan 8010)	20 pcs./box	0416211
blaugelb Filling Piece 35x47x50 mm (Gealan 8040)	20 pcs./box	0416212
blaugelb Filling Piece 31x61x50 mm (Gealan 8043)	20 pcs./box	0416213