

Bayflex[®] (VP. PU 1427)



Large-area parts with long flow lengths

High Impact strength

Elastic

Inexpensive aluminum molds requiring only a short lead time

High break-expansion

Attractive for medium-sized series too

Thin-walled, compact structure

Snap-fit joints can be integrated in the molded part thanks to the tough and resilient nature of the material

Flame retardant to DIN 4102B2

Suitable for processing with fillers

CFC-free

Recyclable

Technical Data

Product			Bayflex [®] (VP. PU 1427)
Property	Unit	Standard	
Density	kg / m ³	DIN 53420	1170
Modulus of elasticity in bending	MPa	ASTM-D 790	1020
Tensile strength	MPa	DIN 53571	34
Elongation at break	%	Normst. A 50 mm / min	90
Tear strength	kN/m	DIN 53515	59
HDT	°C	ISO R 75/B	77
Shore D hardness		DIN 53505	69
Impact strength	kJ / m ²	DIN 53453	not broken
Impact strength (after annealing 15 h with 80°C)	kJ / m ²		not broken
Impact strength (after annealing 15 h with 110°C)	kJ / m ²		60

Material data from our raw materials supplier.