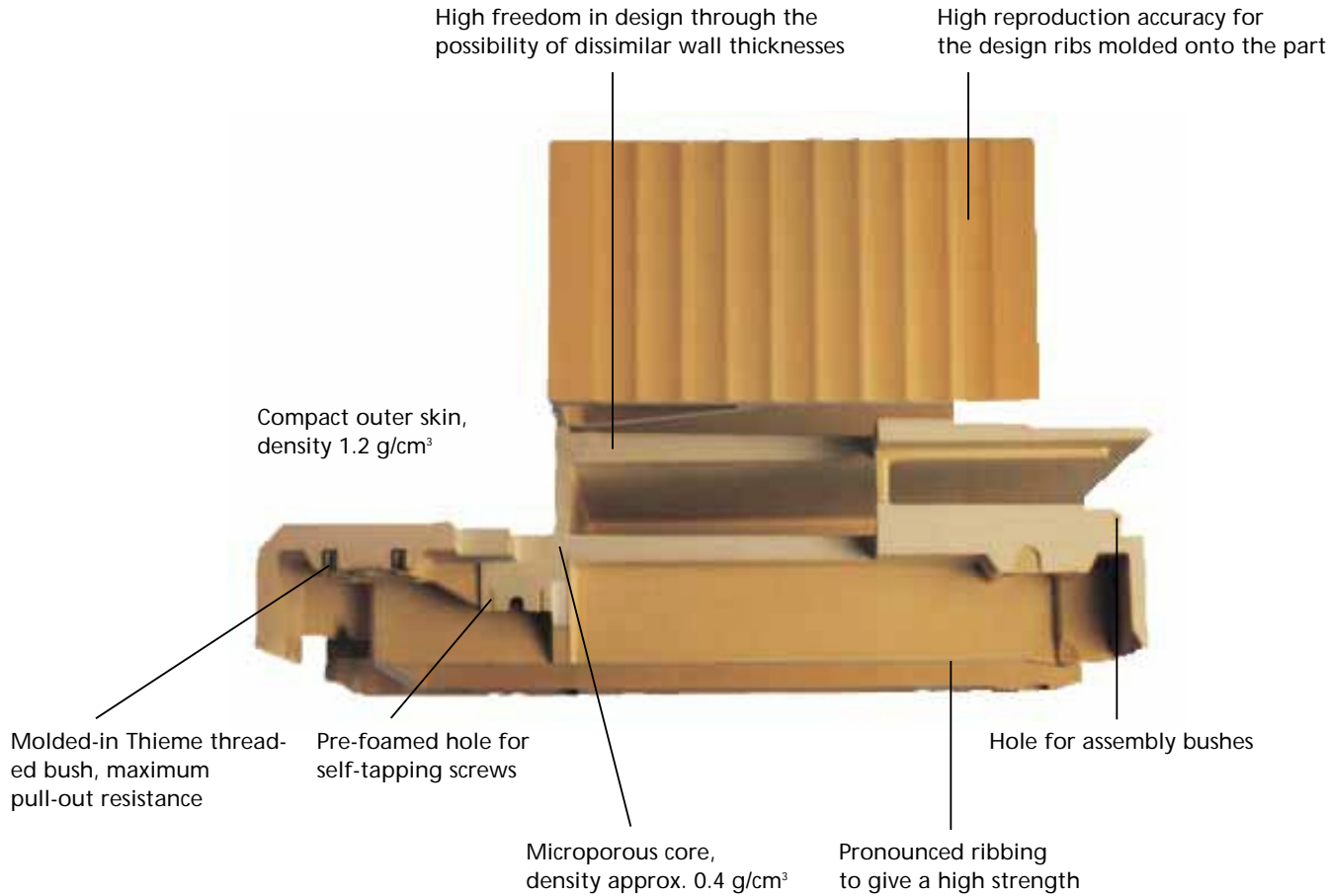


Baydur® 60



Sandwich structure achieved in a single shot.
Density 0.6 g/cm³ at s = 10 mm (0.4 Inch)

Variable wall thicknesses from 5 to 30 mm (0.2 to 1.2 Inch) without any sink marks

Greater freedom of design, lower outlay

The typical material for achieving an optimum, inexpensive combination of design on the outside and functionality on the inside

Complex three-dimensional parts, including ones with high flow lengths

High surface reproduction accuracy

Filigree areas possible

Partial reinforcement and threaded bushes, etc., can be insert-molded

Good insulation values for temperature and sound

Low cavity pressure – aluminum molds with sliding walls and other "tool-action"

Comparatively short lead time

Small and medium-sized series economically viable

Flame retardant to UL Subject 94

Flame retardant to DIN 5520 for rail vehicles

Suitable for processing with fillers

CFC-free

Recyclable

Baydur® 60

Technical Data

Product			Baydur® 60
Property	Unit	Standard	without flame retardant*
Density	kg/m ³	DIN 53432	600
Flexural strength	MPa	DIN 53432	38
Modulus of elasticity in bending	MPa	DIN 53432	950
Elongation at break	%	DIN 53432	7
Tensile strength	MPa	DIN 53432	21
Impact strength	kJ/m ²	DIN 53432	18
Shore D hardness		DIN 53505	approx. 70
High-temperature behavior under flexural load	°C	DIN 53432	118
Compressive strength	MPa	DIN 53421	19
Thermal conductivity	W/(K.m)	DIN 53432	0.09
Coefficient of linear thermal expansion	10 ⁻⁶ m/m · K	VDE 0304/Part1	73

Material data from our raw materials suppliers. * Properties differ with the addition of flame retardants.