

## novaplan<sup>®</sup> 02980

**Material profile:**

- efficient insulation material for heat rejection and sound - proofing
- the main components are mineral and organic fibres

**Typical applications:**

- inlay for insulation in screening parts made of compound materials.
- The heat shields offer an efficient protection against heat in the engine and the exhaust system, at the underbody and all other points of insertion in a car. Apart from a good heat protection they also have a good soundproofing effect.

**Supply data:**

- |                |   |           |                        |
|----------------|---|-----------|------------------------|
| Rolls          | • 1000 or 2000 mm   | Thickness | • from 0.80 to 1.00 mm |
| Outer diameter | • 700mm   |           |                        |
| Coils          | • from 150 to 2000mm wound on paper coils - inner diameter 100 mm |           |                        |
|                | • Special sizes upon request                                      |           |                        |

<b>General data</b>	Binders:	organic and inorganic			
	Colour:	white			
	Surface:	without coating, without branding			
	Tolerance in thickness:	± 7%			
<b>Physical properties (Gasket thicken. 1.00mm)</b>	<b>Property</b>	<b>Standard</b>	<b>Unity</b>	<b>Value *</b>	
	Density	DIN 28 090-2	[g/cm <sup>3</sup> ]	1.08	
	Tensile strength	DIN 52 910		longitudinal	3.26
				transverse	3.11
	Compressibility	ASTM F 36 K		[%]	23.1
				Recovery	[%]
	Loss on ignition (600 °C)	DIN 52 911		[%]	16.5
<b>Physical properties after tempering 22h/200 °C</b>	Tensile strength	DIN 52 910		longitudinal	2.87
				transverse	2.63
	Compressibility	ASTM F 36 K		[%]	14.6
				Recovery	[%]
	Mass reduction			[%]	2.95

\* = Mode (typical value)

Issue: 12.08

Modifications: 5

Supersedes all prior versions

The technical data stated has been determined with standard material under laboratory conditions. With the variety of installation and operating conditions no guarantee claim can be inferred regarding the behaviour in a specific application.

We reserve the right to product changes which serve the purpose of technical progress.