

novaplan[®] 03000

Material profile:

- efficient insulation material for heat rejection and sound - proofing
- based on biodegradable mineral fibres
- with a low percentage of organic binders

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:

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|----------------|--|-----------|------------------------|
| Rolls | • 1000 or 2000 mm | Thickness | • from 0.80 to 1.00 mm |
| Outer diameter | • 700mm | | |
| Coils | • from 150 to 2000 mm wound on paper coils - inner diameter 300 mm | | |
| | • Special sizes upon request | | |

General data	Binders:	organic and inorganic		
	Colour:	white		
	Surface:	without coating, without branding		
	Tolerance in thickness:	± 7%		
Physical properties for sample thickness 0.80mm	Property	Standard	Unity	Value *
	Density	DIN 28 090-2	[g/cm ³]	1.10*
	Tensile strength	DIN 52 910		
		longitudinal	[N/mm ²]	≥ 2.5
		transverse	[N/mm ²]	≥ 1.3
	Compressibility	ASTM F 36 K	[%]	≤ 45
	Recovery	ASTM F 36 K	[%]	≥ 20
	Loss on ignition (600/800°C/1h)	DIN 52 911	[%]	≤ 25
	Loss on ignition (1115/1500°F/1h)	ASTM F 495	[%]	≤ 25
	Weight Loss (250°C/24h)		[%]	≤ 15
Bending Radius		[mm]	≤ 100	

* = Mode (typical value)

Issue: 12.08

Modifications: 7

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.