

It is what  
it shall  
become.



# The lightweight composite.

INNOVATIVE TECHNOLOGY - MADE IN GERMANY

Beyond the boundaries of conventional formats, thermally formable, a wide application spectrum and availability in large quantities. Result: Consisting of up to 10 layers of glass fibres/polypropylene UD-tape, **Progano's** enviable specifications are setting standards for the next generation of lightweight composites.

## Lighter

Progano components weigh up to 35% less. It's not as dense as aluminium and Progano components can be created using less material.

## Stronger

Progano is at least 50% stronger than aluminium alloys of similar proportion and performs exceptionally well in crash tests.

## Faster

Reduced manufacturing durations and costs through the direct integration of multiple elements in a single component construction process.

## Specifications

- Multilayer UD-tape construction (0°/90°)
- 72% continuous glass fibres
- 28% polypropylene
- Density: 1.65 g/cm<sup>3</sup>
- Weight: 330 g/m<sup>2</sup> (single layer UD-tape)
- Thickness max. 10 ply / 2 mm
- Width max. 1,200 mm
- Length max. 2,000 mm



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