



# MOTHER OF PEARL

Polycarbonate loses value in industrial applications with any impurity. Stretching the boundaries of our knowhow we revalue polycarbonate which results in Mother of Pearl, a material that stands out. We craft it into pieces that allow it to shine like it should.



## PRODUCT INFO

Material: Polycarbonate  
Colour: Silver01  
Thickness: 15mm ( $\leq 1$ mm)  
Size: 1000x500mm  
Stiffness: High  
Scratch resistance: High  
Moisture absorption: Minimal  
UV resistance: Medium (coatable)  
Max. temperature: 80° C  
Density:  $1,07 \cdot 10^3$   
Linear expansion: 0,68mm/10° C  
Flamability rating: Not certified  
Recycled material: 99,5%  
Contains air bubbles  
Contains surface crevices

**Material Care:** Polycarbonate is sensitive to uv, don't apply it in direct sunlight. Only clean with a soft cloth and mild soap without citrus, ethanol or an organic solvent. Mother of Pearl cannot be sanded, so to prevent scratches lay the material on a blanket, don't place your tools directly onto the material and don't slide it over your worktop when tooling.

Mother of Pearl can be: cut (using sharp sawblades for wood or plastic), milled, drilled, threaded, countersunk, chamfered, waterjet cut or screwed. Ask us about gluing possibilities. We advise you to: use sharp tools, move fast, use low rotary speeds, and pre-drill before screwing. Using dull tools may result in the material melting.

We would like to inform you that our samples and images serve as a material impression and might look different on a bigger scale. Though we try hard to prevent this, the actual material may contain air pockets, small pits on the surface, colour impurities or containment of another material. The Material Guideline provided is indicative as due to the recycled origin, Plasticiet cannot guarantee the pureness of the product provided. We imply that you use the Material Guideline not as datasheets or certificates but as guidelines because they might not completely represent our product. No rights can be derived from this information.