

SUSTAIGN

DATA SHEET - SUSTAIGN (PP DURABLE MATERIAL)

General information

Sustain's Sustainable design sheets are made from 100% recycled polypropylene, Polypropylene has high impact resistance and a high temperature range(160 degrees), is good to weld and mechanically process. In addition, Polypropylene (PP) is lightweight and has high chemical resistance. Add its excellent mechanical properties and PP is one of the most versatile plastics. Polypropylene (PP) is extremely suitable for technical applications and constructions as well as for customized interior projects.

In addition, PP is a low-energy plastic, which means that it is difficult to bond with glue. However, the material can be perfectly joined using a welding technique or insertion nuts.

Characteristic properties

- Excellent articulation
- Good recyclability
- Almost no moisture absorption

Machining capabilities

- Perfect for welding
- Perfect to mill
- Can be cut by water and laser beam techniques

Panel information

We believe that plastic waste is the perfect source of Hidden beauty! That is why we worked hard worked hard to create a unique process between man and machine to create beautiful plates from 100% plastic waste. We try very hard to make our plates as perfect as possible. possible, but they are not all perfect; for example, they may have some dimples that are beyond our control. Please contact us to discuss these minor imperfections if this could be a problem. The plate thickness listed is nominal; thermal expansion of some plates can be 2mm per meter at a rise of 10 degrees (Celsius).

Sheet sizes are 2350 x 1150 mm (lxw). We normally use the following three thicknesses within our collaborations and products: 12 / 18 / 22 mm. For special projects it is also possible to vary in sheet thicknesses from 10 mm till 35 mm.

Melting point.	160 degrees (melting point)
Possible color combinations.	<p>Almost every color combination is possible. We apply three standard colors that we have in stock for production(see samplebox)</p> <p>But if a specific color combination suits better to your home/work environment or your customer's corporate identity. <u>We can make a personalized color combination to fit a perfectly with the rest of your (work) environment.</u> We can also add a component such as a UV stabilizer. (max 3 colors and 1 component)</p> <p>Prices depend on color and additive choice.</p>
Prices	<p>Spot On 12 mm (Dark sample)</p> <p>Full sheet price (2350 x 1150 x 12 mm) €887.80 excl. square meter price (full sheet 2,7 m2) €328,80 excl.</p> <p>Spot On 18 mm. (Colorful sample)</p> <p>Full sheet price (2350 x 1150 x 16 mm) €1083.20 excl. square meter price (full sheet 2,7 m2) €401,18 excl.</p> <p>Spot On 22 mm. (Neutral sample)</p> <p>Full sheet price (2350 x 1150 x 22 mm) €1224.70 excl. square meter price (full sheet 2,7 M2) €453,60 excl.</p> <p>Sheets are not for sale as a individual item, sustaign creates a sheet in the desired color combination for the client and makes the requested product/item from it.</p> <p>So we do not sell a sheet but a finished product from these specially created design sheets.</p>
Finishing options and lead times	<p>We can finish your products in different ways, we can sand it (so the product feels soft and welcome) But we can also polish the product. You always keep a matte finish to this material (PP).</p> <p>Please contact us at Lisanne@sustaign.nl to inquire about prices, color combinations, delivery times, indication of quantity and deadlines. We create our sheets only on request, so we do not have a stock. Expect a delivery time of finished products of 6 - 10 weeks</p>