



TPU/ABS

ABS Sheets with TPU Top Layer

TPU / ABS sheets

Base: a carrier layer made of ABS (acrylonitrile butadiene styrene)

Top: a top layer made of TPU (thermoplastisches Polyurethan)



TPU / ABS

Two components with different properties combined into one unit:

Base Layer:

ABS in proven quality

- ABS highly impact resistant, silk glossy
- ABS highly impact resistant, highly glossy
- ABS impact resistant, matte type

**Optional:
ABS regenerate**

Top Layer:

Glossy or matte TPU is characterized by the following properties:

- | | |
|--|--|
| <ul style="list-style-type: none"> - Abrasion resistance - Slip resistance - Scratch resistance - Soft touch effect - Damping effect - Haptics - Impact resistance - Compressive strength (load carrier) - Chemical resistance - Weather tear resistance (especially in cold areas) - Light, UV stability | <p><u>Implementation:</u></p> <ul style="list-style-type: none"> - matte - glossy - different hardnesses - nature - coloured - one or both sides coex. |
|--|--|
- top layer grained



KVS TPU / ABS

- for suitcases, transport pallets, covers
- co-extrusion: 2 and 3 layers available



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Recycling

TPU / ABS can of course be recycled:

Separation - clean and sorted - is the ideal prerequisite for taking over and using your leftovers, such as edge trimmings or regrind.



Processing

TPU can be easily further processed using the usual processing methods, forming, deep-drawing, edging, milling, etc.



Surfaces

Grained (standard), one or both sides

Graining:

KVS 8 - Pinseal grain



Areas of Application

- | | |
|---|---|
| <ul style="list-style-type: none"> - containers of all kinds - suitcase shells - covers - claddings - car interior parts | <ul style="list-style-type: none"> - workpiece carrier - transport pallets - displays - plan applications |
|---|---|



Technical Data

Standard formats

- | | |
|--------------|---|
| - width: | 300 to 1500 mm |
| - length: | 300 to 3000 mm |
| - strength: | 2.0 to 10.0 mm |
| - TPU layer: | one side or both sides |
| - colours: | any colour according to template, RAL, etc. |
| - surfaces: | grained, one side or both sides |