

THERMODET®

TPU/ABS Plastic Sheets

Composite sheets of TPU/ABS (thermoplastic-polyurethane/acrylonitrile-butadiene-styrene) are characterized by an excellent scratch resistance, abrasion resistance and an anti-slipping effect. Sheets of TPU/ABS also show a very comfortable surface (soft-touch-effect) and excellent thermoforming properties.

E.1 THERMODET®

TPU/ABS gloss

Sheets of impact resistant ABS with a glossy TPU top layer which is characterized by an excellent scratch and abrasion resistance.

Examples for application:

Transportation trays, suitcase shells

E.2 THERMODET®

TPU/ABS “double-faced”

Sheets of impact resistant ABS with a glossy top and bottom layer of TPU which is characterized by an excellent scratch and abrasion resistance.

Examples for application:

Intermediate layer of pallets, transportation trays

E.3 THERMODET®

TPU/ABS EL (conductive)

Sheets of impact resistant conductive ABS-compound with a specific conductive TPU top layer which is characterized by an excellent scratch resistance.

Especially also available in the “double-faced” version (both sides TPU EL).



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Examples for application (TPU/ABS EL):

Packaging units, transportation trays

E.4 THERMODET®

TPU/ABS matt

Sheets of impact resistant ABS with a matt or super-matt TPU top layer which is characterized by an excellent scratch resistance and soft-touch effect.

Examples for application:

Automotive interior parts, caravan interior parts, suitcase shells

E.5 THERMODET®

TPU/ABS "Exterior"

Sheets of impact resistant ABS with a matt, UV resistant TPU top layer which is characterized by an ex-

cellent UV and weather resistance. Sheets of TPU/ABS "exterior" show a good scratch resistance and soft-touch effect.

Examples for application:

Automotive parts, design elements

E.6 THERMODET®

TPU/ABS "regrind"

Sheets of ABS recycling material with a glossy or matt TPU top layer which is characterized by scratch resistant, anti-slipping and soft-touch properties.

Also available in the "double-faced" version (both sides TPU)

Examples for application:

Transportation pallets, transportation trays, covering elements

| Material | Surface | Thickness (standard) | Width (standard) |
|--|--------------------|-----------------------|---------------------------------------|
| E.1 THERMODET® TPU/ABS gloss | gloss | embossed | 2.00 - 10.00 mm (sheet) up to 1250 mm |
| E.2 THERMODET® TPU/ABS "double-faced" | gloss | double-faced embossed | 2.00 - 10.00 mm (sheet) up to 1250 mm |
| E.3 THERMODET® TPU/ABS EL | semi-gloss | embossed | 2.00 - 10.00 mm (sheet) up to 1250 mm |
| E.4 THERMODET® TPU/ABS matt | matt or super-matt | embossed | 2.00 - 10.00 mm (sheet) up to 1250 mm |
| E.5 THERMODET® TPU/ABS "Exterior" | semi-matt or matt | embossed | 2.00 - 10.00 mm (sheet) up to 1250 mm |
| E.6 THERMODET® TPU/ABS "Reg" | gloss or matt | embossed | 2.00 - 10.00 mm (sheet) up to 1250 mm |

More delivery forms, colours or technical data sheets on request.

Specifications based on technical development, subject to modifications.