

What is ABS Graviermaterial

ABS Graviermaterial

Two-layer engraving laminate based on ABS

ABS Graviermaterial is a two-layer engraving material based on ABS. It is positioned as a cost-effective option within the engraving material range and stands out mainly for its excellent CNC machinability.

Construction and Properties

Like other engraving materials, this product consists of a cap layer on a core layer, here based on ABS – comparatively economical to produce. A particular strength is its machinability: ABS routs cleanly with a CNC machine, so the material suits machining as well as laser engraving.

Advantages

- Cost-effective option within the engraving material range
- Excellent CNC machinability

Disadvantages

- For applications requiring particularly fine, shadow-free engraving, materials with a thinner cap layer such as Transply or ECP may be preferable

Applications

- Suitable for labeling by laser engraving
- Suitable for template, jig, fixture and mould making

Typical Properties

- Two-layer, cost-effective construction based on ABS with excellent CNC machinability
- Well suited for templates, jigs, and pattern/mould making
- Laser- and CNC-machinable

Product Examples

- Labeling plates
- Templates and jigs
- Pattern and mould-making parts

Typical Industries

- Tool and mould making
- Template and jig making
- Labeling technology
- Model making
- Machinery engineering

	Test Method	Unit	Value
Construction and Processing			
Material construction / Processing / Thickness			Two-layer laminate based on ABS; laser engraving, excellent CNC routing/milling; also available in 2.5 mm thickness

This text provides a general overview and does not replace application-specific advice; please contact us for formats, colour options and guidance on your use case.