

What is Melamin

Melamin

Melamine resin laminate board for engraving

In engraving technology, Melamin refers to a laminate board based on melamine resin. It is designed for demanding industrial engraving applications as well as for name, designation and information signs, and its age resistance makes it suitable for permanent outdoor use as well.

Construction and Properties

Melamine resin laminate boards are produced by pressing resin-impregnated carrier layers under heat and pressure. The result is a robust, dimensionally stable board. A key characteristic is also the material's age resistance: it allows permanent use outdoors as well, where signs must withstand weathering over extended periods.

Advantages

- Robust, dimensionally stable laminate board
- Age-resistant and therefore suitable for permanent outdoor use

Processing and Applications

- Suitable for laser engraving and CNC machining
- Suitable for durable name, designation and information signs
- Suitable for permanent indoor and outdoor use

Typical Properties

- Laminate board based on melamine resin for demanding industrial engraving applications
- Age-resistant, therefore also suitable for permanent outdoor use
- Laser- and CNC-machinable

Product Examples

- Name signs
- Designation and information signs
- Outdoor plant and equipment labeling

Typical Industries

- Name, designation and information signs
- Industrial labeling
- Machinery and plant engineering
- Outdoor signage

	Test Method	Unit	Value
Construction and Processing			
Material construction / Processing			Melamine resin laminate board; laser engraving, CNC routing
Weather resistance			age-resistant, suitable for permanent outdoor use

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.

Liedtke
Kunststofftechnik.de