

Flame Retardant Panel

Polyurethane Board Material

Key Properties

- European fire class certification, Class C-s2, d0, EN 13501-1
- Flame retardance UL94V0-2mm equivalent*
- Fine surface structure
- Easily shaped and machined
- Low coefficient of thermal expansion

Applications

- Decorations and interior parts which require flame retardance

Mechanical Properties

			FP-0590
Color	visual		Beige
Density	ISO 1183	g/cm ³	ca. 0.6
Shore hardness D	ISO 868		50 – 55
Coefficient of thermal expansion	ISO 11359	10 ⁻⁶ K ⁻¹	35 – 40
Deflection temperature, HDT	ISO 75	°C	70 – 75
Compressive strength	ISO 604	MPa	20 – 25
Flexural strength	ISO 178	MPa	20 – 25

Processing

The product should have a temperature of 20°C – 25°C during processing.

Packaging

RAKU® TOOL FP-0590	1500 x 500 x 50 mm
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Storage

The material should be stored flat and in a dry place. Temperature variations should be avoided during storage and transportation.

*All tests regarding flame resistance and/or flame retardance in dependence on test specification UL94V0 have been completed and measured internally.

Handling Precautions

Good workplace ventilation is to be ensured during processing. At the same time, the employer's liability insurance association's industrial hygiene safety regulations regarding the handling of reaction resins and their hardeners are to be observed. Please take heed of the appropriate safety data sheets.

For information on adhesives and repair pastes see the corresponding individual technical data sheets.