

## FP-0590

### Flame Retardant Panel

Polyurethane Board

#### Key Properties

- European fire class certification, Class C-s2, d0, EN 13501-1
- Flame retardant
- Fine surface structure
- Good milling characteristics
- Low linear coefficient of thermal expansion

#### Applications

- Decorative and interior parts which require flame retardance

#### Mechanical Properties

		Unit	FP-0590
Color		visual	beige
Density	ISO 1183	g/cm <sup>3</sup>	ca. 0.60
Hardness	ISO 868	Shore D	55 - 60
Coefficient of thermal expansion	ISO 11359	10 <sup>-6</sup> K <sup>-1</sup>	40 - 45
Deflection temperature, HDT	ISO 75	°C	65 - 70
Compressive strength	ISO 604	MPa	10 - 15
Flexural strength	ISO 178	MPa	15 - 20

#### Processing

The material should be processed at a temperature of 20°C – 25°C.

#### Dimensions

RAKU® TOOL FP-0590

1500 x 500 x 50 mm

#### Storage

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



### Handling precautions

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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 corresponding individual technical data sheets.**