Thermo-350 (press pad)

Product description

Thermo-350 press pad is made of cleaned cellulose with a high percentage of cotton. It has a smooth surface. The superior fiber structure secures high density and homogeneity. The press pad optimizes the pressure and heat distribution in the press. As a result resin flow will be very uniform. Depending on press parameters and product Thermo-350 can be used several times. No sticking to press plates. After usage the product can be recycled environmentally friendly.

Application

This press pad is specially designed for pressing multilayers up to 220 °C. Of course it is also usable for the production of base material. Due to superior properties (uniform resin flow, excellent pressure balance and heat distribution) the result will be a very consistent thickness of the pressed product.

Process parameter (hydraulic press)

Temperature:	up to 220 °C
Pressure:	100 - 500 N/cm^2 (10 – 50 bar)

Material properties

Thickness:		0,62 mm	EN ISO 534
Density:		0,56 g/cm^3	EN ISO 534
Surface weight:		350 g/m^2	EN ISO 536
Moisture absorption:		< 5 %	ISO 287
Color:		blue	---
Stability:	MD	≥ 9 kg	DIN EN ISO 1924-2
	TD	≥ 6 kg	DIN EN ISO 1924-2
Compressibility:		approx. 25 %	---
Temperature resistance:		≤ 220 °C	---
Repeatability:		≥ 45 %	ASTM F36

Storage & handling

Temperature:	15 – 25 °C
Humidity:	40 – 60 %
Storage:	flat, in original package until usage.

Availability

Thickness:	0,62 mm
Sheets:	size and punching according customer specification.

The typical values are based on data from production and from sample measurements in the lab. This data should be considered as general information. It is the responsibility of the user to ensure that the product complies with his requirements.

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