

Product information Flexonal® PU 2688

Material type	: Hard foam
Characteristics	: Component A – Flexonal® PU 2688 (Polyetherpolyol) Component B – Flexonal® PU 5400/6 (Diphenylmethane-Diisocyanate, MDI)
Application	: Sandwich components, cold and heat insulation, high temperature stability, good adhesion properties on sheet metal
Features	: Fulfills fire test B2

General characteristics

	Density (20°C)		Viscosity (20°C)	
Flexonal® PU 2688	1,12	g/cm ³	500 ± 100	mPa*s
Flexonal® PU 5400/6	1,23	g/cm ³	220 ± 40	mPa*s

Delivery form

	PU 2688	PU 5400/6
Cans	30 kg	30 kg
Cans	60 kg	60 kg
Drums	200 kg	200 kg
Container	600 kg	600 kg

Storage

- Store temperature 15°C – 30°C
- Avoid direct sunshine
- Keep containers under lock and key
- When stored in a tank or in the working container of the machine, avoid contact with non-ferrous metals
- Storage stability 6 month

Safety instructions

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from Bachmann Kunststoff Technologien GmbH subsidiaries.

Foaming performances

(cup test at 25°C, Standard properties)

Mixing ratio	:	Flexonal® PU 2688 = 100 g
		Flexonal® PU 5400/6 = 155 g
Cream time	:	30 ± 5 s
Rise time	:	150 ± 10
Free rise density	:	43 ± 5 kg/m ³

Alternative reaction profiles can be formulated.
These data give information about the reaction profile but it is **not** the specification.

Processing instruction

Processing machine	:	All kind of casting machines
Preparation	:	Good homogenisation before use.
Material temperature	:	25 ± 2°C
Mould temperature	:	40 – 50°C

Mechanical characteristics

Density (DIN EN ISO 845)	:	50	kg/m ³
Compression Strength (DIN 53421) d 10%	:	37	N/cm ²
Compression Strength (DIN 53241) d 25%	:	35	N/mm ²
λ-Wert (DIN 52616)	:	0,0205	W/m ² K
Fire test B2 (DIN 4102 - 1)	:	fulfils	

For more detail information about **Flexonal® PU 5400/6** quod vide separated technical data sheet.

These figures are intended as a guide and should not be used in preparing specifications.
The characteristics stated have been determined in accordance with the stated DIN regulations. The test specimens required were taken either from serial coatings or from test plates manufactured under production conditions.