



PU-8408

Description Polyurethane rigid foam system

PU 8408 is a two component polyurethane system, expanded with water suitable for filling and production of low density technical items.

Mixing ratio (parts by weight):

PU8408A : PU8408B
100 : 120

Physical properties

Property	UM	PU 8408A	PU 8408B	Mixture
		Polyol	Isocyanate	Polyurethane
Aspect	visual	Liquid	Liquid	Liquid
Color	visual	yellow	brown	beige
Density	g/ml	1.08	1.22	
Viscosity	mPas	1700	290	
Cream time	min/sec			00' : 30"
Gel time	min/sec			01' : 30"
End of expansion	min/sec			01' : 50"
Teck free	min/sec			01' : 55"
Free rise density	g/l			90

Data expressed at 23°C.

Mold setting

We recommend a mould temperature between 35°C and 45°C. Treat the mold with a specific wax release agent.

Resin setting

Mix Part A (polyol) prior sampling. For an optimal result ensure that the two components are at least at 20-25°C before mixing. Elevated temperatures increase the rate of reaction, reducing the working time.

Mixing The product requires a low or high pressure mixing machine.

Storage Store both components in the original pack, sealed, at a temperature of 15-35°C. The part B can crystallize partially or completely at low temperatures. The two components are sensitive to moisture (like all polyurethane resins). Keep the original packaging tightly sealed when the products are not in use. This material has a shelf life of 12 months.

Packaging

PU 8408 A	200 kg
PU 8408 B	250 kg

Additional informations These data do not replace the product specifications. The values given are for typical properties of the product and are not to be understood as the extreme values of minimum or maximum. Our technical suggestions are given in good faith but without warranty, this also applies when they are involved proprietary rights of third parties. This does not relieve the buyer from the need to test the products supplied, as well as from their use. Before using the appliance to be able to view the MSDS.

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