



PU-8404

Description **Low density polyurethane rigid foam system**

PU 8404 is a low-viscosity, two-component polyurethane system, suitable for the production of rigid expanded foams. Low free rise density, low reactivity. Use with mechanical dosing and mixing machine.

Characteristics Free density 40 g/l
 Excellent cellular distribution
 Excellent dimensional stability
 Slow reaction

Mixing ratio:

PU8404A : PU8404B

By weight **100 : 100**

Physical properties

Property	UM	PU 8404A	PU 8404B	Mixture
		Polyol	Isocyanate	Polyurethane
Aspect	visual	Liquid	Liquid	Liquid
Color	visual	colorless	brown	
Density	g/ml	1.06	1.23	
Viscosity	mPas	330	210	
Cream time	mins:secs			0' : 40"
Gel time	mins:secs			3' : 40"
End expansion	mins:secs			6' : 00"
Free rise density	g/l			40

Data expressed at 23°C

Resin setting

Mix Part A (Polyol) prior to 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

This product requires a dosing and mixing machine. For proper use, periodically check the ratio polyol - isocyanate.

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) to keep the original packaging, tightly sealed when the products are not in use. The absorption of umidity causes an excessive ventilation in the casted parts. This material has a duration exceeding 12 months.

Packaging

PU 8404 A	200 – 1000 kg
PU 8404 B	250 – 1250 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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