Product Information

Footwear

PU 8706

FEATURES

- Very fine cell structure
- High mechanical properties
- MDI based

COMPOSITION

- Polyol PU8706 A
- Isocyanate PU8706 B

Flexible polyurethane foam based on MDI. Two-component system composed of PU8706A formulated polyol and PU8706B isocyanate. The combination of the components generates a microcellular foam characterized by excellent appearance and mechanical properties.

APPLICATIONS

- Designed to produce quality sneakers insoles.

TYPICAL PROPERTIES

Specifications writers: These values are not intended for use in preparing specifications. Please contact your local sales representative prior to writing specifications on this product.

Property	Unit	Value
Colour (Part A/Part B)	visual	colorless/yellow
Density at 23°C (Part A/Part B)	g/cm^3	1.02/1.22
Viscosity at 23°C (Part A/Part B)	mPa.s	975/40
Mix ratio	pbw	100 : 56
Cream time	Seconds	10 – 12
End of expansion	Seconds	32 – 38
Free rise density	kg/m^3	140 - 160
Tensile strength	MPa	0.80 – 0.86
Elongation at break	%	250 - 310

HOW TO USE

Mechanically mix PU8706A (polyol) before each withdrawal from the container. Isocyanate and polyol must be worked under stirring at a temperature between +20 and +25°C.

MIXING

Use a dosing and mixing machine with an output suitable for the reactivity of the material and the volume of the mold to be filled.

MOLD

Use metal molds thermostated at a recommended temperature of 40-45°C.

HANDLING PRECAUTIONS

The information for a correct and safe handling of the products are contained in the safety data sheet. Consult the safety data sheets before use for complete information on the risks for health and environment and for suitable protective devices to be adopted. Share the safety data sheets with all the staff involved in the use of the products.

USABLE LIFE - STORAGE

Polyol and isocyanate must be stored in the original unopened containers at a temperature between +10 and + 35°C. Low temperatures slow down the reaction rate, high temperatures increase it, leading to variations in expansion and density. Bring the components to 20-25 ° C before loading into the machine to avoid long waiting times to reach the recommended processing temperature.

Be sure to close the containers after use. Isocyanates are sensitive to humidity. Polyol and isocyanate, if stored under the specified conditions, have a shelf life of 6 months from the date of manufacture.

PACKAGING

The components are supplied in 200 liter drums or 1000 liter tanks. For other packaging please contact our sales department.

LIMITATIONS

This product is neither tested nor represented as suitable for food contact, skin contact or medical uses.

LIMITED WARRANTY

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