

Pouring System 9762-XT

Isocyanate H

DESCRIPTION

Polyurethane Rigid Foam system, CFCs and HCFCs free (containing HFCs) and suitable for insulation by pouring.

COMPONENTS

COMPONENT A: **Polyol 9762-XT**
Mixture of polyols, containing catalysts, flame retardants and blowing agents.

COMPONENT B: **Isocyanate H**
PMDI (polymeric diphenyl methane diisocyanate).

USES

This system is highly suitable for the production of rigid foams with applied density of 40 – 50 Kg/m³, specially indicated for insulation and filling of all type of cavities as tanks, deposits, cool stores, panels, ship tanks, etc.

CONDITIONS OF USES

This system can be processed on both high (100-150 bar) or low pressure equipment.

The recommended temperature of components is 20 - 22 °C.

The appropriate temperature of moulds is 40 – 50 °C in order to avoid a higher density and not to decrease the adhesion of the foam on the substrate.

If it is not specifically indicated, the drums should not be stirred previously to the loading in order to avoid losses of the blowing agent.

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This is the best information available but without guarantee, due to the complexity of usage of raw materials and equipment which could make the results vary.

Pouring System 9762-XT
**Isocyanate
H**
COMPONENTS CHARACTERISTICS

Characteristics	Units	H	9762-XT
Specific weight 25°C	g/cm ³	1.23	1.12
Viscosity 25°C	mPa.s	230	800
NCO content	%	31	-

SYSTEM SPECIFICATIONS

Test beaker measurements at 22°C at the indicated mixing ratio and according to our Standard Test (MAN-S02).

MIX RATIO A / B : **100/120 ± 5 per weight**

Characteristics	Units	9762-XT
Cream time	s	17 ± 2
Gel time	s	75 ± 5
Tack free time	s	120 ± 10
Free density	g / l	32-34

FOAM PROPERTIES

Characteristics	Units	9762-XT
Applied density	UNE EN 1602	Kg/m ³ 40 - 45
Compressive strength, 10% deformation	UNE EN 826	kPa 200 – 250
Dimensional stability (24hours)	-30°C +80°C	% Vol. <0.5 <1
Fire reaction	UNE 23727	Class M-4
Closed cells %	ISO 4590	% >90
Initial thermal conductivity coefficient 10°C	UNE EN 12667	W/mK 0.022

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H****STORAGE RECOMEMNDATIONS**

Components A and B are sensitive to moisture, and should be stored in sealed drums or tanks. Storage temperature must be kept between +15 and +25 °C.

Avoid lower temperatures that may build up crystallizations in the isocyanate, as well as higher temperatures that may alter the polyol and produce swelling of the drum.

Properly stored, the shelf life is 6 months for the Component A (polyol) and 9 months for the Component B (isocyanate).

SAFETY RECOMMENDATIONS

Appropriately handled, the system does not present significant risks. Avoid contact with eyes and skin. The instruction given in the Safety Data Sheet must be followed during manufacturing and handling of the system.

SUPPLY

Normally, the product is supplied in non-returnable steel drums of 220 litres (blue for the Component A and black for the Component B).