

POL 620 FD

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Description:

POL 620 FD is a formulated polyol to be used in combination with HCFC 141b and PMDI for the production of medium and high thickness self-supporting polyurethane panels by discontinuous process.

This Polyol is a mixture of polyether polyols, activators (contains amine) and stabilizer. This system can be processed using both low and high-pressure dispensing machines.

POL 620 FD

Specification and typical properties	Appearance	light Yellow
	Viscosity at 25 ° C	approx. N.A mPa.s
	Density at 25 ° C	approx. N.A g/cm ³

MDI

Specification and typical properties	Appearance	Dark brown liquid
	Viscosity at 25 ° C	approx. 160-240 mPa.s
	Density at 20 ° C	approx. 1.24 g/cm ³
	NCO content	31.5-32.5 % by wt.
	Acidity max.	200 ppm HCl

Processing Conditions and performance (LAB TEST)

Product	Part By Weight	Cream Time (sec.)	Gel Time (sec.)	Free Rise Density Kg/m ³
POL 620 FD	100	20-25	105-120	29-31
HCFC 141B	8-10			
PMDI	121			
Iso/Polyol Temp	24° C			
Mould Temp	40-45° C			



Typical Foam Properties

Item	Units	results
Panel Thickness	mm	40-100
Density Core	Kg/m ³	39-40
Overall	Kg/m ³	45-47
Demold time	min	40-45
Closed cell content	%	>90

Shelf life Shelf life is guaranteed for 6 months.

Safety Information

Avoid direct skin contact as it may cause irritation/ blistering. If spilled over eyes should be rinsed with eyewash solution and cold water. If ingested, mouth should be washed with water and should not induce vomiting.

Preparation Before using, this polyol has to be mixed very well.

Packing POL 620 FD will be delivered in 220 kg net drums or one metric IBC.

Storage

This product is very sensible to moisture and drums have to be closed very well. The recommended storage temperature is between +15° and +25°C. Polyol should not be stored below 15 °C and Isocyanate not below 15 °C.

