

BC 702 Spray 45 Polyol BC 768 Isocyanate

Description:-

BC 702 Spray 45 Polyol is designed for the production of sprayed foams for cavity filling, with an applied density of 45 kg/m³. The reaction of BC 702 45 Polyol and BC 768 Isocyanate gives foams with good mechanical properties, dimensional stability and good adhesion to usual substrates. Both high and low-pressure machine can be used during the processing. It is recommended a substrates temperature not lower than 25°C. BC 702 45 Polyol contains 141 bsa blowing agent.

Typical Component Properties:

	Units	BC 702 SPRAY FOAM	BC 768 ISOCYNATE	Test Method
HydroxylNr	mgKOH/g	320	-	ASTMD4274d
NCOcontent	%	-	31	ASTMD5155
Viscosity	mPa.s	250(20-25°C)	210(25°C)	ASTMD445
Specific Gravity	-	1.105(20/20°C)	1.24(25/25°C)	ASTMD891

Recommended Process Conditions:

	Units	Limits
BC 702 45 POLYOL	pbw	100
BC 768Isocyanate	pbw	120

Typical Reaction Characteristics:

	Units	Hand mix	Test Method
Cream time	s	3-4	Internal BC IMethod-SH-PM-02
Gel time	s	12	Internal BCI Method-SH-PM-02
Tack Free Time	s	14	Internal BCI Method-SH-PM-02
Free rise density	Kg/m ³	30	Internal BCI Method-SH-PM-04



Handling and Storage:

	Units	BC 702 45 Po;uol	BC 768 Iso cyanate
Storage temperature	°C	15-25	15-25
Storage stability/Shelf life)	mont hs	3	6

Stored in the original sealed drums in a dry place at recommended temperature.

Respiratory Protection: When handling or spraying, use an air-purifying respirator. Skin protection: Use rubber gloves, remove immediately after contamination. Wear clean body-covering. Wash thoroughly with soap and water after work and before eating, drinking, or smoking. Eye / Face Protection: Wear safety goggles to prevent splashing and exposure to particles in the air. Waste: Waste generation should be avoided or minimized. Dispose-off container/contents/foaming accordance with local/regional disposal regulations.

Read and understand Safety Data Sheet before handling. Open containers slowly & carefully, allowing any pressure to be relieved safely. The following safety recommendations are necessary for handling:

Typical Polymer Properties:

	Units	Values	Test Method
Working ratio Pol/Iso	pbw	100/120	/
Over all applied density	Kg/m ³	45-48	ASTMD1622
Closed cell content	%	>95	ASTMD2856
Initial thermal conductivity,23°C	mW/mK	22	UNI7891
Compressive strength (thickness direction)	KPa	200	UNI7891
Dimensional stability (linear changes)			UNI8069
- 48hoursat-25°C	%	1max	
- 48hoursat70°C	%	1max	

Packing:

BC 702 Spray 45 Polyol 220 Kgs
 BC 768 Iso cyanate 250 Kgs

The Technical specification information and recommendation given one based on the current technical knowledge and the user or his representative is recommended to check the suitability of the product Building chemistry industry reserves the right to amend the technical characteristic of the product as part of ongoing research and development. As the work execution is beyond the direct and continuous control of Building chemistry industry no guarantee and or responsibility is assumed on the performance of work completion executed with use of our products.

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