

BC 705 Spray foam 60 BC 768 Isocyanate

Description:-

BC 705 Spray 60 foam is designed for the production of sprayed foams for cavity filling, with an applied density of 60 - 55 kg/m³ range . The reaction of BC 705 Spray foam 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 705 Spray foam contains 141 bsa blowing agent.

Typical Component Properties:

	Units	BC 704 Spray foam	BC 768 Isocyanate	Test Method
HydroxylNr	mgKO H/g	320	-	ASTMD4274d
NCOcontent	%	-	31.0	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 705 Spray foam	pbw	100
BC 768Isocyanate	pbw	120

Typical Reaction Characteristics:

	Units	Hand mix	Test Method
Cream time	s	6-8	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	45-48 Kgs/ m ³	Internal BCI Method-SH-PM-04

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Handling and Storage:

	Units	BC 702 45 Polyol	BC 768 Isocyanate
Storage temperature	°C	15-25	15-25
Storage stability/Shelf life)	months	3	6

Typical Polymer Properties:

	Units	Values	Test Method
Working ratio Pol/Iso	pbw	100/120	/
Over all applied density	Kg/m ³	55-60	ASTMD1622
Closed cell content	%	>95	ASTMD2856
Initial thermal conductivity, 23°C	mW/mK	0.023	UNI7891
Compressive strength (thickness direction)	KPa	350-420	ASTMD1621
Dimensional stability (linear changes)			UNI8069
- 48hours at -25°C	%	1max	
- 48hours at 70°C	%	1max	

Packing:

BC 705 Spray60 Polyol	220 Kgs
BC 768 Iso cyanate	250 Kgs

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