

BC 8462 50 Polyol

Product Description:-

BC 8462 50 Polyol is designed for the production of sprayed foams for cavity filling, with an applied density of 50Kg/m³. The reaction of BC 8462 50 Polyol and BC 768 Isocyanate gives foams with good mechanical properties, dimensional stability and good adhesion to usual substrates.

Safety Considerations:

Safety Data (SDS) sheets are available from the BCI Chemical industry. SDS sheets are provided to help customers satisfy their own handling, safety and disposal needs and those that may be required by locally applicable health and safety regulations. SDS sheets are updated regularly, therefore, please request and review the most current SDS sheet before handling or using any product. These are available from the nearest BCI sales office.

Customer Notice:

BCI encourages its customers to review their applications of BCI products from the standpoint of human health and environmental quality. To help ensure that BCI products are not used in ways for which they were not intended or tested, BCI personnel are willing to assist in dealing with ecological and products safety consideration. Your BCI representative can arrange the proper contacts.

Typical Component Properties:

	Units	BC 8462 50 Polyol	BC 768 Isocyanate	Test Method
Hydroxyl Nr	mgK OH /g	320	-	ASTM D 4274
NCO content	%	-	31.0	ASTM D 5155
Viscosity	mPa. s	400(20°C)	210(25 °C)	ASTM D445
Specific Gravity	-	1.12(20/20°C)	1.24(25/25°C)	ASTM D891

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Recommended Process Conditions:

	Units	Limits
BC 8462 50 Polyol	pbw	100
BC 768 Isocyanate	pbw	100

Typical Reaction Characteristics:

	Units	Limits
Gel time	s	2-3
Pot life	s	6-7
Final Viscosity	days	2

Handling and Storage:

	Units	BC AS POLYOL	BC AS Isocyanate
Storage temperature	°C	15-25	15-25
Storage stability/Shelf life (1)	months	6	6





Typical Polymer Properties:

	Units		Test-Method
Shore	Shore D	53	DIN53505
Tensile strength	N/m ²	23.1	DIN53504
Elongation at break	%	310	DIN53504
TeFR resistance	N/m	74.0	DIN53515
Abrasion	mm ³	220	DIN53516
Density	g/cm ³	1.0	DIN53420

NOTICE: The information and data contained herein do not constitute sales specifications. The product properties may be changed without notice. No liability, warranty or guarantee of product performance is created by this document. It is the Buyer's responsibility to determine whether BCI products Are appropriate for Buyer's use and to ensure that Buyer's workplace and disposal practices are in compliance with applicable laws and regulations.

