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POLYLINK 4200

Technical Data Sheet

APPLICATION

POLYLINK 4200 is a light yellow to dark amber liquid at room temperature. It is a liquid secondary diamine with lower activity.

POLYLINK 4200 is the brand name of 4,4'-bis(sec-butylamino) Diphenylmethane. It is a liquid secondary diamine. One of the atoms of hydrogen on each of the amine group is substituted by a secondary butyl group, so that the combination of an active hydrogen atom and a secondary butyl group in a confined space creates many unusual properties. The amine portion forms area linkages which affect the hard segment domains, while the butyl groups function as inner plasticizer. Bonded to the polymer matrix, it neither leaches, nor bloom. The alkyl groups also improve the solubility of the diamine, allow it to blend readily with almost any polyol or polyamine. POLYLINK 4200 can be applied in rigid and flexible foams, coatings, adhesives, sealants, and elastomers. Typical use levels are 1-5% of polyol. It can also be applied in spray polyurea, and a range of metal and concrete repair compounds.

SPECIFICATION

Test Item(s)	Specification(s)	Unit	Test Method
Appearance	Light Yellow to Dark Amber	--	visual
Purity	Liquid		
	≥96.0	%(A/A)	GC
MDA Content	≤0.030	%(A/A)	GC
Water Content	≤0.050	%	Karl-Fischer
MDBA Equivalent	153 ~ 161	-	GC

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PACKAGE

200 Kg Metal drum

STORAGE

POLYLINK 4200 should be stored in tightly closed containers with proper labels in a cool and well-ventilated warehouse away from all ignition sources.

Eye contact, prolonged skin contact, and inhalation of vapor must be avoided. Do not take internally. Never Use welding or cutting equipment near the containers to prevent vapor explosion.

SHELF LIFE

The shelf life is 24 months under recommended storage conditions. After 24 months, retest material.

For more information about safety and the environment, please refer to our SDS or contact customer service.

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