

BLD MDI POLYURETHAN FOAM



DESCRIPTION

BLD MDI is a product based on 4,4' -diphenylmethane diisocyanate containing isomers and oligomers of higher functionality. It is primarily used to produce rigid polyurethane foam for insulation. It can also be used to produce semi-rigid foam, casting material, binders and adhesives.



STORAGE AND PROCESSING

Ideal storage temperature is 15 oC – 30 oC. The product remains stable when stored at the recommended temperature in moisture-tight containers.

This product is moisture sensitive and must be stored at all times in sealed, moisture-tight containers.

Exposure to water in any form can have detrimental implications.

Apart from affecting the properties of the product it can also lead to build up of high pressure in container due to formation of CO₂. Poly-urea formed upon exposure to water/moisture can cause blockages in filters, pumps and other processing equipment. Hence contact with water should be prevented during storage and all stages of processing.

TECHNICAL SPECIFICATION PROCESSING

PROPERTIES	TEST VALUES	UNIT
Appearance	brown liquid	-
NCO content	32.5 – 30.5	% wt
Acidity	200 - 100	mg/Kg
Viscosity (25 oC)	250 – 170	mPa.s
Density	1.25 – 1.22	g/cm ³
Storage Stability	180	days

All values are subject to 10-5 % tolerance

POSSIBLE HAZARDS

This product has health hazards such as irritation of eyes, respiratory organs and the skin. When processing this product, kindly take into consideration the necessary precautionary measures described in the Material Safety Data Sheets (MSDS).