Elastopor EH 1001

Technical Data Sheet

Polymeric MDI

Date: July 2014

Chemical Nature

Elastopor EH 1001 is a polymeric MDI with a functionality of approximately 2.7.

Applications

Elastopor EH 1001 is suitable for the production of rigid insulation foams by molding, spraying and frothing. It is also used for rigid and semi flexible integral skin foams, adhesives, sealants, elastomers and high resiliency flexible foams. In low catalyzed rigid urethane formulations the foam rise time can be lengthened by 20~30%. The lower reactivity can be advantageous in applications such as large rigid foam panels or molded flexible foams.

Typical properties

Appearance	Brown Liquid	
NCO content, weight %	30.5~31.5	ASTM D1638-74
Viscosity @ 25^0 C, Cps	170~230	DIN 51 550
Total chloride, wt%	<0.5	ASTM D1638-74
Flash point, ^{o}C (COC)	200	DIN ISO 2588
Density @ 25^{o}C, g/ml	1.23	DIN 51 757
Initial Boiling point, 5mmHg, ^{o}C	190	-
Vapor pressure @ 25^{o}C, mmHg	<0.0001	-

Safety advice

This product is sold solely for use by industrial institutions. Refer to our material safety data Sheet (MSDS) regarding regulatory compliance, safety, hazards, spill procedures and disposal of this product.

Supply and storage

Elastopor EH 1001 can be supplied in road tanks and in non-returnable drums of 250kg capacity. The most favorable temperature for storage is 15~30^{o}C. Under these conditions the shelf life of Elastopor EH 1001 is 6 months if moisture is excluded. Once a container has been opened, care should be taken to exclude moisture. If stored at very high temperature, or if moisture is not excluded, an undesirable increase in viscosity may occur.
Below 15^{o}C, the product becomes difficult to pump and pour. Below 0^{o}C, crystallization may occur. Melting the crystal is ideally done by rolling the drum in a hot air oven at 80~100^{o}C so that isocyanate should not be heated above 70^{o}C.

BASF India Ltd.
3rd Floor, VIBGYOR Towers,
Plot No.; C-62, G Block,
Bandra Kurla Complex, Mumbai – 400 051
Tel +91 22 66618000