



TECHNICAL DATA SHEET

ImIso 2527

Application: ImIso 2527 is a prepolymerized diphenylmethane polyurethane(B-component)

Specification And Typical Properties	Appearance	Brown Colored Liquid
	Fire point	210°C (ASTM D92)
	Density	1.19 g/cm ³ (ASTM D891)
	Viscosity at 25° C	140 ± 50 mPa.s (DIN 53019)
	Free NCO content	29.50 ± 0.3 % (ASTM D 2572)

Storage And Handling Recommendations Containers/drums of ImIso 2527 should be kept properly closed and stored indoors in a well-ventilated area under normal factory conditions. Storage at temperatures ranging from 18 - 25 °C provides a convenient viscosity for handling. Storage at low temperature is not recommended because it may lead to some crystallization; this material must therefore be protected from frost. If under abnormal storage conditions some crystallization does occur, the material should be melted according to the procedures given in the publication IPC E14. Storage at temperatures above 50°C is not recommended, since this can lead to the formation of insoluble solids and also the viscosity build-up increases on extended storage. Under the recommended storage conditions and if protected from humidity and contaminants, i.e. in properly sealed drums, cans, etc., ImIso 2527 has provisional storage life of 6 month at the customer. In case of storage in bulk containers, please contact our Sales Representative for further details.



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Reaction with atmospheric moisture, is prevented by storing ImIso 2527 in carefully sealed containers under a dry air atmosphere. During handling, the product must be protected from water ingress and from atmospheric moisture. Containers should be re-sealed immediately after each sampling. The reaction of isocyanides with water leads to the formation of insoluble ureas and carbon dioxide gas, which can lead to pressure build-up in closed containers. Containers used for ImIso 2527 must therefore be absolutely dry.

Hazards and safe-handling procedures. Should it prove necessary to melt ImIso 2527, procedures are given in the publication IPC E14

Health And Safety Advice

The appropriate health and safety advice can be found in the safety data sheet for ImIso 2527 available on request. The applicable Safety Data Sheet should be reviewed by customer before handling.

MDI-based compositions: Hazards and safe-handling procedures.
