

PD2000

Low free TDI monomer Polyurethane Pre-polymer

Product Description

PD2000 pre-polymer is a new, high performance, TDI based polyurethane pre-polymer with a low free monomer content.

Uses

PD2000 can be used in various sealing and coating applications both in one and two pack products, and is particularly suitable for use in the manufacture of one component, moisture curable, flexible, seamless membrane coatings. Other applications include joint fillers, pipe coatings and binding for cork, rubber, foam etc.

Storage, Handling And Personal Protection

The recommendations in our Safety Data Sheet for this product must be followed at all times. More general information is included in our publication "A Guide to the Safe Handling of Polyurethane Chemicals".



Isothane Limited, Newhouse Road
Huncoat Business Park, Accrington
Lancashire BB5 6NT
Telephone: 01254 872555
Facsimile: 01254 871522
Order Fax Line: 01254 398295
Email: info@isothane.com
Website: www.isothane.com
Registration No: 2975728



Certificate No. FM 21549



INVESTOR IN PEOPLE



Certificate No. EMS 68443



PD2000

Low free TDI monomer Polyurethane Pre-polymer

Characteristics

As supplied the product has the following typical characteristics: -

Appearance	Straw Coloured Liquid
Viscosity mPa.s Max @ 25° C	10,000
Density @ 20° C	1.045
NCO Content %	2.40 - 2.80
Free Monomer (TDI) %	< 1
Solids Content %	98 min
Flash Point ° C (Abel Closed Cup)	> 100
Boiling Point ° C	> 200
Vapour Pressure mm Hg @ 25°C	< 0.01
Vapour Density (Air = 1)	> 1
Evaporation Rate (BuAc = 1)	< 0.1
Solubility	Good in most common PU grade solvents*

****Polyurethane grade solvents by definition must have a low content of active hydrogens, therefore alcohols and amines etc are not suitable along with other solvents containing >0.05% water.***



This information is of a general nature and is supplied without recommendation or guarantee. It does not make claim to be free from patent infringement. Properties shown are typical and do not imply specification tolerances. Liability for loss or damage through use cannot be accepted except for death or injury caused by negligence on the part of Isothane Ltd. Whilst these specifications are based on expert knowledge, practical experience and laboratory testing, successful application depends upon the nature and conditions in which the products are applied. Users must, by comprehensive testing, ensure suitability of product for own use. Without control or supervision of the preparation for and application of Isothane products, general guarantees cannot be offered.



Isothane Limited, Newhouse Road
Huncoat Business Park, Accrington
Lancashire BB5 6NT
Telephone: 01254 872555
Facsimile: 01254 871522
Order Fax Line: 01254 398295
Email: info@isothane.com
Website: www.isothane.com
Registration No: 2975728



INVESTOR IN PEOPLE

