



1248PP

Polyurethane Pre-polymer

Product Description

The **1248PP** series is a range of polyfunctional, medium molecular weight, MDI based polyurethane prepolymers with terminal isocyanate groups.

Uses

The **1248PP** series can be used in various sealing, priming and adhesive applications, mainly in one pack products. Certain members of the range are particularly suitable for use in the manufacture of one component, moisture curable, flexible concrete sealers. Other applications include primers of various coating systems and sealers for other porous substrates.

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 Resins".



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

1248PP

Polyurethane Pre-polymer

Characteristics

As supplied the product has the following typical characteristics: -

PRODUCT	1248PP	1248-50PP	1248-40PP	1248-30PP
Appearance	Brown liquid	Brown liquid	Brown liquid	Brown liquid
Viscosity Cp Max 25° C	5,000	55	30	25
Density @ 20° C	1.11 - 1.13	0.97 - 0.99	0.98 - 0.95	0.92 - 0.96
NCO Content %	14.5 - 15.5	7.5 - 8.0	5.9 - 6.3	4.3 - 4.5
Solids Content %	99 min	49 - 51	39 - 41	29 - 31
Flash Point ° C (Abel Closed Cup)	> 100	< 55	< 55	< 55
Solvent	None	High flash aromatic	High flash aromatic	High flash aromatic
Boiling Point ° C	> 200	150		
Vapour pressure mm Hg	< 0.5			
Vapour Density (Air = 1)	> 1	> 1	> 1	> 1
Evaporation Rate (BuAc = 1)	< 0.1	< 1	< 1	< 1

GOOD in most common P/U 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.**

Notes

The above systems are also available on special order in different solvents and in varying concentrations.



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



Certificate No. FM 21549



INVESTOR IN PEOPLE



Certificate No. EMS 68443

