



TDS OF INYY-PI1001-1 (PI1)

Instruction

PI1 polyol is designed for production of Rigid Foam for Insulation. The polyol contains all additives including blowing agent 141b and flame retardant. This polyol react with isocyanate with good characteristics. The system meets the FR B2 standard.

Typical Physical Properties

Property	Unit	PI1
Appearance	--	Yellowish liquid without any deposit
Viscosity (25°C)	mPa·s	200-400
Gravity (20°C)	g/ml	1.13±0.02
Storage Temperature	°C	15~25
Storage Stability	month	6

*These values provide general information and are not part of the product specification.

Reactivity Characteristics

Property	Unit	PI1
Material Temperature	°C	25
POL/ISO Ratio	pbw	1:1
Cream Time	s	10±3
Gel Time	s	60-70
FRD	kg/m ³	27-28

*The actual reactivity characteristics may be adjusted according to process conditions and clients' requirements.

Foam Features

Property	Unit	PI1
Core Density	kg/m ³	40
Compressive strength	kPa	>150
Thermal Conductivity	w/m.k	<0.024
water absorption rate	%	<10

*For information purpose only,not specification.

Package

220 liter iron drums, margin of error: ±1kg/drum

Storage

Hygroscopic. Use dry nitrogen or low dew point air for tank padding. Keep drums



TAIAN HAVAY CHEMICALS CO., LTD.
TAIAN DAWENKOU GYPSUM INDUSTRY PARK, SHANDONG, CHINA
Tel: 86-05385051181 Fax: 86-05385051169
www.goldenhighway-chem.com

tightly closed to prevent contamination. Store at 15~25°C. Observe all federal, state and local regulations when storing this substance. Store away from incompatible substances.

Shelf Life

Under recommended storage conditions, the shelf life of PII is 6 months. If the production is overdue, but its main physical and chemical properties in the guide line, may not effect on its using properties.

Safety

Most polyol generally present no significant hazard in use when simple precautions are followed. No special ventilation is recommended under anticipate conditions of normal use beyond that needed for normal comfort control. Eye protection such as chemical splash goggles and / or face shield must be worn when possibility exists for eye contact due to splashing or spraying liquid, airborne particles, or vapor. Contact lenses must not be worn. Emergency eye wash: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Not normally considered a skin hazard. Where use can result in skin contact, practice good personal hygiene. Wash hands and other exposed areas with mild soap and water before eating, drinking, smoking and when leaving work.

Declaration

The data in this manual are provided as general information only. The guaranteed specifications please see the Quality Warranty or the contract. It is the user's responsibility to test the material and its suitability for a process. We have no control over what another party does with the material and we cannot take any responsibility for another party's action. Nor will we be responsible for any indirect damages while using our products. For more details, contact Market Department or technical service center.

For more information, please refer to our MSDS or contact our customer service center.

Contact Information

TaianHavay Chemicals Co., Ltd.

Add: TaiAnDawenkou Gypsum Industry Park, Shandong, China

<http://english.goldenhighway-chem.com/>