

Type Aliphatic polyisocyanate based on hexamethylene diisocyanate

Features

- # Multi-functional
- # Good curability (Fast-drying)
- # Excellent weatherability
- # High cross-linking density

Applications

- # Two-component applications
- # Plastic coatings
- # Auto refinish coatings
- # Automobile, motorcycle ; top coat

Typical properties

Appearance	Colorless to slightly yellowish clear liquid
Non-volatile	75 wt%
Solvent	Butyl acetate 25 wt%
NCO content	13.7 wt%
Viscosity	250 mPa · s at 25°C
Color value	< 1 (Gardner)
NCO equivalent weight	Approx. 304
Flash point	28.8 °C

Compatibility

<u>With polyols</u>		<u>Resin solution</u>	<u>Dried film</u>
Acrylic	Setalux 1184(*)	+	+
	Setalux 1767(*)	+	+
Polyester	Setal 90173(*)	+	+

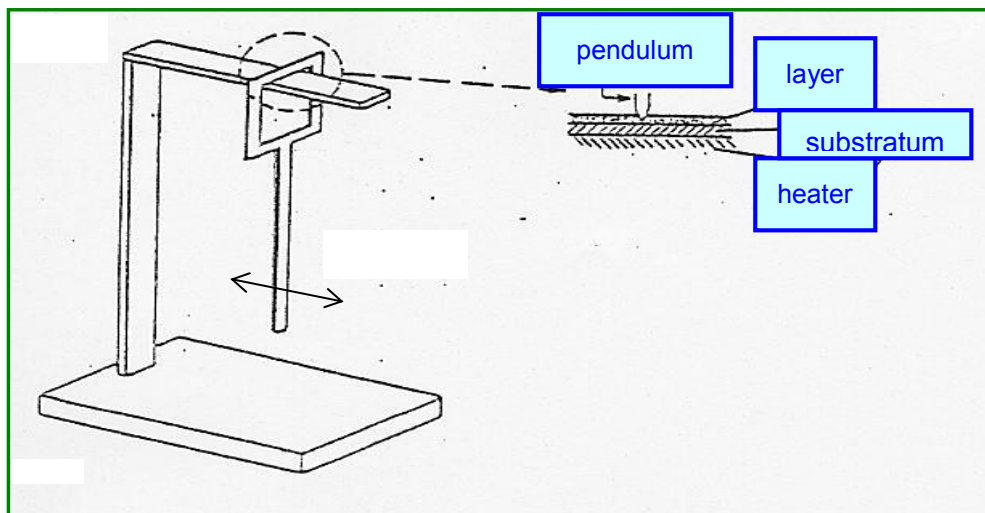
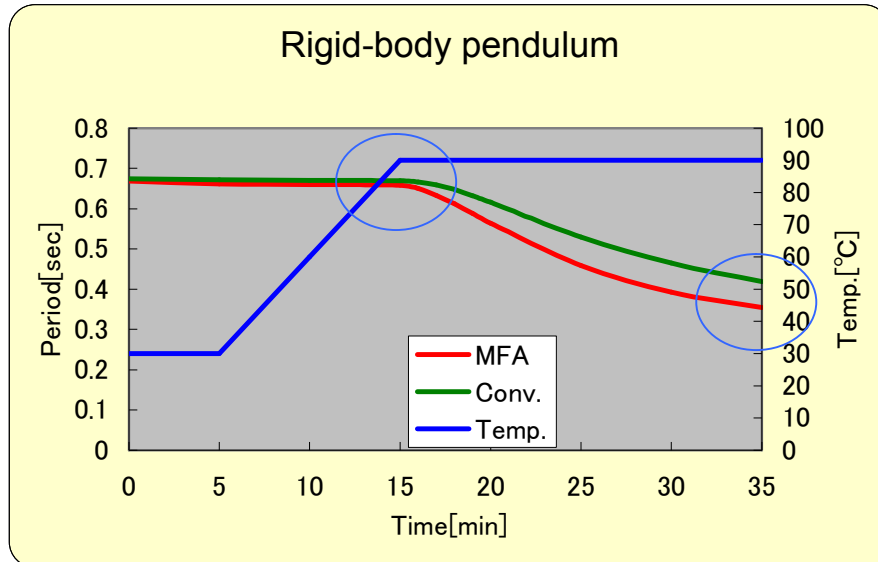
+ ; Soluble, ~ ; Insoluble + ; Transparent, ~ ; Hazy

(*)Nuplex Resins (ex-Akzo Nobel Resins' product)

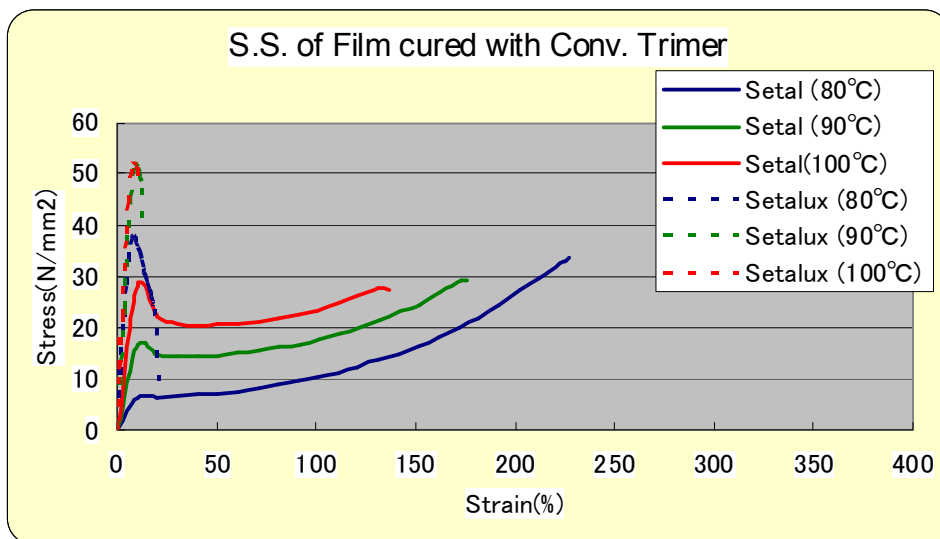
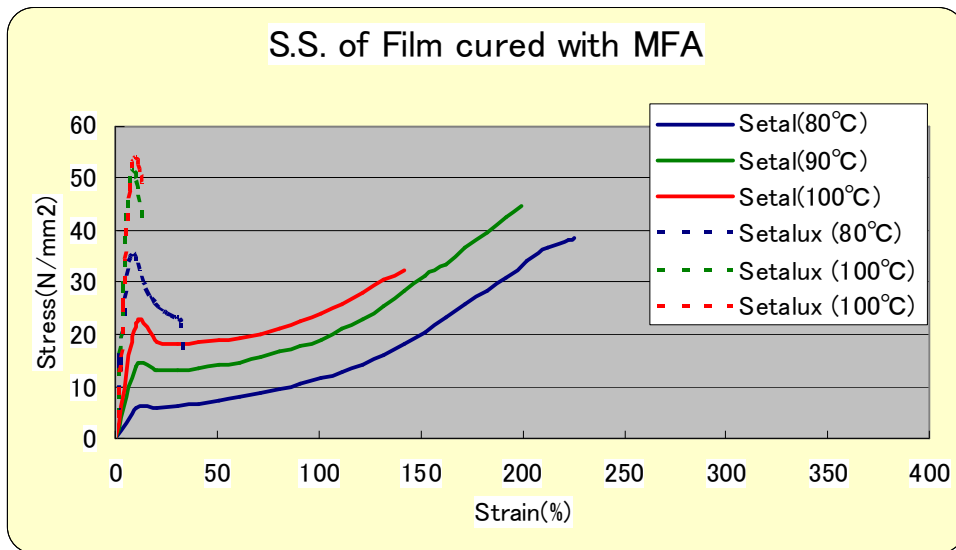
Mixing ratio of DURANATE™ MFA-75B with polyols is based on NCO/OH equivalent ratio of 1/1.

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

Fast drying & High cross-linking density



Higher toughness of film cured with MFA



For further information:

ASAHI KASEI CHEMICALS CORPORATION

Performance Coating Materials Division

1-105, Kanda Jinbocho, Chiyoda-ku, Tokyo, JAPAN

Tel: +81-(0)3-3296-3331

Fax: +81-(0)3-3296-3462

URL: <http://www.akcpc.jp/duranate/index.html>