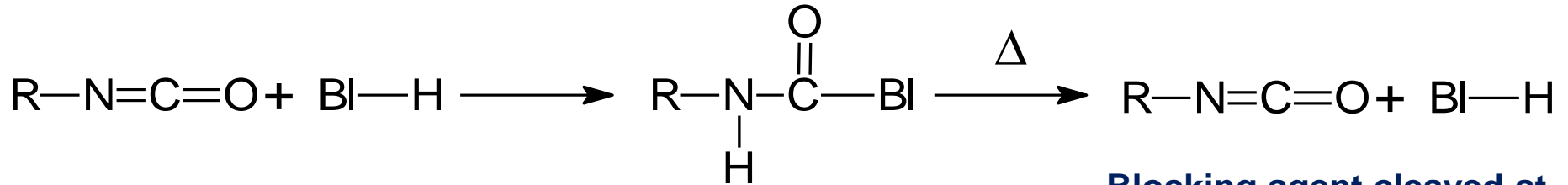




# Wannate<sup>®</sup> Blocked HDI Polyisocyanate



Free NCO group react with a blocking agent (BI)

Blocked Polyisocyanate

Blocking agent cleaved at elevated temperature, thus liberating NCO group

## Benefits

- One package convenience with 2K performance
- Adjustable de-blocking temperature by changing blocking groups
- Pre-mixed, no improper mix ratios
- No pot life expiration
- No free NCO group - less hygiene concerns

## Applications

- Powder Coatings
- Coil Coatings
- E-Coat
- Automotive Coatings
- Wire Coatings
- Plastic Coatings

## Wannate<sup>®</sup> HTBL-175S

Wannate<sup>®</sup> HTBL-175S is a MEKO blocked aliphatic polyisocyanate based on hexamethylene diisocyanate (HDI) and dissolved in 25% solvent naphtha 100, colorless to slightly yellowish clear liquid.

Properties	Value	Unit
Blocked NCO Wt.%	~ 11.1	%
Color Value	≤ 60	APHA
Viscosity (25 °C)	2500 - 4000	mPa.s
Solids	73 - 77	%

## Recommended Curing Temperatures

Without Catalyst	With Catalyst
160 °C 60 min	130 °C 60 min
180 °C 15 min	150 °C 15 min
200 °C 7 min	175 °C 7 min

## Wannate<sup>®</sup> HTBL-275MS

Wannate<sup>®</sup> HTBL-275MS is a 3,5-dimethylpyrazole blocked aliphatic polyisocyanate based on hexamethylene diisocyanate (HDI) and dissolved in 17% solvent naphtha 100 and 8% propylene glycol monomethyl ether acetate, colorless to slightly yellowish clear liquid.

Properties	Value	Unit
Blocked NCO Wt. %	~ 10.9	%
Color Value	≤ 100	APHA
Viscosity (25 °C)	2500 - 4500	mPa.s
Solids	73 - 77	%

## Recommended Curing Temperatures

Without Catalyst	With Catalyst
160 °C 20 min	130 °C 20 min
170 °C 10 min	140 °C 10 min
190 °C 5 min	165 °C 5 min

## Features

- High flexibility
- Superior weather stability
- Outstanding chemical resistance
- Good adhesion

## Applications

- Can coatings
- Coil coatings
- 1K PUR baking system for automotive OEM
- Industrial finishes

## Compatibility

- Polyester polyol
- Polyether polyol
- Polyacrylates

\* Compatibility of mixtures be tested in each case

For more product information or if you would like to contact us,  
please register at our CASE portal



CASE Portal