



YOUNG'S CORPORATION

242-8 YANGJAE-DONG, SEOCHO-GU, SEOUL, 137-132, KOREA

TEL: 82-2-555-1040

FAX: 82-2-2057-0399

E-mail: export@youngscorp.com

Website: www.youngscorp.com

POLY ISOCYANATE

Polyisocyanate hardener for PU resin

Hardeners for two component polyurethane paints

Grades	DN-901S	DN-980S	DN-980	DN-955	DN-950
NV(%)	99.5-100	99.5-100	74-76	74-76	74-76
VIS(Gardner)	U-X	X-Z2	A2-B	D-I	K-O
NCO(%)	23.0-24.0	20.6-21.9	15.0-16.0	5.0-6.5	12.0-13.0
Color (Gardner)	1↓	1↓	1↓	1↓	1↓
Free Monomer (%)	0.5↓	0.5↓	0.5↓	0.5↓	0.5↓
Solvent	-	-	EA	TOL/CA	EA
Type	HDI TRIMER			HDI ADDUCT	
Properties	Thermal Stability, Non-Yellowing, Fast Dry, Compatibility			Non- Yellowing, Flexibility	Non-Yellowing, Standard Drying
Application	Automobile Repair, Metal, Wood, Architecture, Plastics, Heavy Duty Protective Coating			Automobile Repair, Metal, Wood, Architecture, Plastics, Synthetic Leather	

Grades	TH-60	AK-75	TM-75Y	TM-50Y	TR-50 (AK-50)	TR-50EA
NV(%)	59-61	74-76	74-76	49-51	49-51	49-51
VIS (Gardner)	F-J	V-Y	V-Y	A4-A6	T-V	G-K
NCO(%)	10.5-11.5	12.5-13.5	12.5-13.5	8.0-9.0	7.8-8.2	7.8-8.2
Color (Gardner)	1↓	1↓	1↓	1↓	1↓	1↓
Free Monomer (%)	1.0↓	0.5↓	0.5↓	0.5↓	1.0↓	1.0↓
Solvent	EA,BA	EA	EA	MEK/TOL	BA	EA
Type	HDI/TDI TRIMER	TDI ADDUCT	TDI ADDUCT	TDI ADDUCT	TDI TRIMER	TDI TRIMER
Properties	Semi- Yellowing, Fast Drying	Yellowing, Standard Drying	Yellowing, Standard Drying	Yellowing, Standard Drying	Yellowing, Fast Drying	Yellowing, Fast Drying
Application	Wood, Plastics	Wood, Metal, Synthetic Leather, Film Adhesive	Magnetic tapes, Film Adhesive	Magnetic tapes	Wood, Metal	Wood, Metal

Hardeners for one component polyurethane paints (Block type)

Grades	D-660	D-550	D-500
NV(%)	59-61	54-56	64-66
VIS (Gardner)	A1-E	E-G	P-T
NCO (%)	8.0-9.0	6.0-7.0	7.5-8.5
Color (Gardner)	1↓	1↓	5↓
Dissociation Temp(°C)	130	130	130
Solvent	BA	EA, CA	EA
Properties	Non-Yellowing	Non-Yellowing	Yellowing, Hardness
Application	Metal, Plastics	Metal, Plastics	Metal, Plastics

- Counter Product List

Grades	Counter
AK-75	L75
TR-50	IL
DN-980BA	3390
DN-980S	3300
D-750CB	BL-3175