

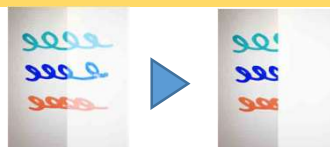
EXCELHARDENER X-38

HDI polyisocyanate.

EXCELHARDENER X-38 is an HDI polyisocyanate with excellent stain resistance (wicking off with a marker).
By combining it with common acrylic polyols, it is possible to impart stain resistance.
Coatings that require flexibility are prone to staining, but this problem can be improved by using this hardener.

Feature

1. Excellent marker wiping properties.
2. Excellent adhesion to various plastic substrates.
3. Non-yellowing type hardener.



General purpose hardener X-38

Application

Curing agent for various polyols

Property (Typical)

Item	Condition	EXCELHADENER X-38
Component	—	HDI polyisocyanate.
Solid content(%)	—	60%
Viscosity(mPa·s, 25°C)	BM type	30
NCO content(%)	Titration	11.1%
Functional groups	Calculated value	3
Appearance	Visual	Pale yellow liquid
Solvent	—	Butyl acetate

Performance

Item	Condition	Result
Main Agent	Product name	TRE-38
	Component	Self-repairing polyol
	Hydroxyl Value(mgKOH/g)	232mgKOH/g
	Solid content(%)	90%
Hardener	Product name	EXCELHARDENER X-38
Mixing ratio		Weight ratio
		60/100
Repair Time	50°C	Within 10 seconds
	23°C	Within 5 minutes
Pencil hardness		B
Steel wool resistance		Pass
Adhesion	PC	100/100
	ABS	100/100
	PET	100/100
Stretch ratio	Film	70%
Breaking Strength	Film	20MPa

Curing condition: 70°C × 2h Drying thickness: 30um

Others

When handling this product, please read the Safety Data Sheet (SDS) and strictly follow the usage instructions and precautions.

This content may be changed without notice.