

EXCELOL813

Two-component curing acrylic urethane resin

EXCELOL813 is a two-component thermosetting acrylic urethane resin with excellent adhesion to plastic substrates.
Suitable as a primer for difficult-to-adhere substrates

Feature

1. Excellent sprayability.
2. Excellent adhesion to nylon-based substrates.
3. It cures quickly and is suitable for use as a primer.

Application

Primer for difficult-to-adhere plastic substrates

Property (Typical)

Item	Condition	EXCELOL813
Component	—	Acrylic Polyol
Non-volatile content(%)	105°C × 1h	50
Viscosity (mPa·s, 25°C)	BM type	200
Hydroxyl Value (mgKOH/g)	Calculated value	5
Appearance	Visual	Pale yellow liquid
Solvent	—	MEK/Butyl acetate

Performance

Item		Condition	Result
Main Agent	Product name	—	EXCELOL813
Hardener	Product name	—	EXCELHARDENER X-03
	Component	—	Polyisocyanate resin
	NCO content(%)	—	11
	Solid content(%)	—	75
Mixing ratio		Weight ratio	100/5
Adhesion	ABS	JIS K5600-5-6 Grid adhesion test (1mm × 1mm/grid, 100 grids in total) 100 is perfect.	100/100
	PC		100/100
	PMMA		100/100
	PET		100/100
	PBT		100/100
	Nylon6		100/100
	Nylon66		100/100
	Aromatic Nylon		100/100
	PSt		100/100
	PVC		100/100
	Aluminum		100/100
	Anodized Aluminum		100/100
	Magnesium alloy		100/100
	SUS304		100/100

Curing condition: 70°C × 30min Drying thickness: 10μm

EXCELHARDENER X-03: Made by Asia Industry Co.,Ltd.

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.