

UV-270V Under Product Manual

(UV curable undercoat)

Applicable material: ABS, AS

Main Application: Base paint for decorative goods

Features: Appearance of thick coating

Resin-based: Acrylic / Polyester-based resin



Coating application

Item		Evaluation criteria		
Coating method		Spray		
Recommended film thickness		15 ± 3 μm		
Proper thinner		U-330	5-10%	Improved leveling / Weak solvent
		TL-400	5-10%	Improved leveling
		Thinner drying property: Early drying U-330 > TL-400 Late drying		
Drying conditions	Temperature	70°C		
	Time	1 minute		
UV irradiation	Lamp	High pressure mercury lamp 80w / cm		
	Integrated light intensity	1000mj/cm ²		

Film performance

◇ Conditions for making test pieces

After UV-270V painting and curing, aluminum vapor deposition was performed, and UV top (UV-382) was painted and cured on it.

Test items	Test condition	Material	Exterior	Adhesion
Initial	Appearance: Visual evaluation Adhesion: Cellophane test	ABS, AS	Good	100/100
Heat Resistance	After 75°C x 72 hours Appearance evaluation and adhesion evaluation	ABS	Good	100/100
Moisture resistance	After 40°C, 95% x 72 hours Appearance evaluation and adhesion evaluation	ABS, AS	Good	100/100

* The above test results are the results of our testing machine, we do not guarantee the coating film performance during use.

* Please contact us if you want to use a top coat other than those listed.

* Cellophane tape: Evaluated using Nichiban (width 24 mm).

* Note: If the integrated light intensity is set high, the coating film performance may deteriorate.

* Expiration date: 6 months from the date of manufacture (stored at 40°C or less)

* Package: 15kg

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