

## ST-32NPA(KAI) top Product manual

Curing condition : Heat drying  
Main application : Toy Ornaments  
Feature : Dye toning available Phthalic acid free  
Resin type : Acrylic lacquer



### Coating application

Item		Evaluation criteria		
How to paint		Spray		
Dry film thickness		4±2 μm		
Proper thinner		TL-400	5 ~ 10 %	Improved smoothness
Dry condition	Setting	1~5 minutes		
	Temp/Time	60°C×10 minutes		

### Performance

◇Following test preparation condition

FPA-3(KAI)2 coating, after that dry heating(60°C×60minutes)

After vacuum deposition Aluminum, coated the TOP coat of ST-32NPA(KAI).

Test item	Test condition	Result
Pencil hardness	Coating ST-32NPAK on glass plate	H
Adhesion	Scotch tape by NICHIBAN	PASS
Heat resistance	60°C×72H Appearance & Adhesion	PASS
Moisture resistance	40°C95%×72H Appearance & Adhesion	PASS
Water resistance	40°C×24H Appearance & Adhesion	PASS
Acid resistance	5%Acetic acid solution Dipping Normal Temp×3H Appearance	PASS
Salt resistance	5%Aqueous salt solution Dipping Normal Temp×24H Appearance	PASS
Alkali resistance	5%Sodium carbonate Dipping Normal Temp×24H Appearance	PASS
Recoat	Top coat×2times	PASS

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

※Scotch tape : Adhesion test used by NICHIBAN (wide:18mm)

※Precautions : Combination with reflector undercoat may reduce coating film performance

※Expiration date : 12 months from manufacture (storage condition : less than 40°C)

※Packing size : 15KG (In case of export : consultation required)

TOYO KOGYO TORYO CO., LTD.  
ADDRESS: 2-4-22 TAJIRI, ICHIKAWA-SHI CHIBA-KEN, 272-0014 JAPAN  
TEL:81-47-379-2235 E-mail: eigyou@toyo-jupiter.co.jp