

FG-3000 under Product manual

Available material : PET/PBT
Curing condition : Heat drying
Main application : Under coating for reflective mirror
Feature : Appearance of thick coating
Resin type : Polybutadiene



Coating application

Item		Evaluation criteria		
How to paint		Spray		
Dry film thickness		20±5 μm		
Paint viscosity		17.3seconds (at20℃ IWATAcupNK-2) ±2seconds		
Proper thinner		U-100	5 ~ 10 %	Improve smoothness
		UL-100	5 ~ 10 %	Improve smoothness
Dry condition	Setting	1~5 minutes		
	Temperature	120℃		
	Time	45 minutes		

Performance

◇Following test preparation condition

FG-3000 coating, after that dry heating by the above condition.

After vacuum deposition Aluminum, paint top coat (RT-140).

Test item	Test condition	Material	Appearance	Adhesion
Initial	Appearance evaluation Test to adhesion with scotch tape by cross cut	PET/PBT	Passed	Passed
Heat resistance	160℃ × 24H Visually and adhesion evaluation	PET/PBT	Passed	Passed
Warm Water resistance	40℃ × 24H Visually and adhesion evaluation	PET/PBT	Passed	Passed*
Moisture resistance	50℃95%RH×48H Visually and adhesion evaluation	PET/PBT	Passed	Passed*

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

※Performance is depending on the top coat, please confirm kind of top coat before use.

※Scotch tape : Adhesion test used by NICHIBAN (wide:24mm)

※Expiration date : 6 months from manufacture (storage condition : less than 40℃)

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

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