

UV-542 under Product manual

Available material : BMC ADC PPS ABS PET/PBT Nylon
 Curing condition : UV curing
 Main application : Under coating for reflective mirror
 Feature : Heat resistance
 Resin type : Acrylic



Coating application

Item		Evaluation criteria
How to paint		Spray
Dry film thickness		20±3μm
Paint viscosity		9.3seconds (at20°C IWATAcupNK-2) ±2seconds
Dry condition	Setting	30 seconds ~ 1 minutes
	Temp/Time	80°C×5minutes
UV condition	Lamp type	High pressure mercury vapor lamp 80w/cm
	Integrated of light	1500mj/cm ²

Performance

◇Following test preparation condition

UV-542 coating, After that vacuum deposition Aluminum.

Top coat are using 2 types because of temperature condition.

(RT-160:BMC, PET/PBT, Nylon, ABS YKT-200:ADC, PPS)

Test item	Test condition	Material	Appearance	Adhesion
Initial	Appearance evaluation Test of adhesion	BMC ADC PPS ABS PET/PBT Nylon	Passed	100/100
Heat resistance	90°C×24H 150°C×24H 160°C×24H 180°C×96H 230°C×96H Visually and adhesion evaluation	ABS Nylon PET/PBT BMC ADC PPS	Passed	○
Moisture Resistance	40°C×30H Visually and adhesion evaluation	BMC ADC PPS ABS PET/PBT Nylon	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)

※Precautions : In case of UV integrated of intensity is high range,
There is possible to decrease performance of coating film

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

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

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