

PRINPOL - 530 Home Appliance Print

PRINPOL 530 Home Appliance Print is based on high polymer resin and formulated with special resin for printing and roll coating process . It provides suitable properties for print steel plate and workability. Besides general color optically unique color effect is possible with metallic and pearl. It is aesthetic special coil coated plate used for refrigerator, washing machine, air conditioner, etc.

Product Characteristics

1. Coating composition : primer + base + ink(1~3degree) + clear
2. Various color and unique texture effect achievable through print ink.
3. Mass producing possible through continuous applying system.

Use

1. Home appliances

Painting System

Material Type	Painting Composition	Coating Thickness	Hardening Temperature
G.I, E.G.I	Primer	5 μ m	216 $^{\circ}$ C
	Top coating	15 μ m	224 $^{\circ}$ C
	Ink	1 μ m	-
	Clear	10 μ m	232 $^{\circ}$ C

※ Backer : DB-100 Polyester backer applied

Physical properties

Specification	Test method	Result	
ASTM D523	60 $^{\circ}$ gloss	10~95	Gardner 60 $^{\circ}$ meter or equivalent
ASTM D3363	Pencil hardness	HB~H	No break in the film (Mitsubishi uni pencil)
ASTM D4145	T-bend	0T~3T	No crack
ASTM D2794	Impact (1/2in \times 50cm \times 1kg)	Good	No crack

* All data is based on lab test results and experience of NCC but, it could be changed without notice because of continuous development about quality by NCC.