musashi paint
to be the new one for you

Two-component acrylic urethane paint for plastics

HAIUREX P

(NP79- line)

Summary

HAIUREX P is the two-component acrylic paint with acrylic urethane resin and hardener of polyurethane resin.
This paint has special features such as anti-alcohol and chemicals, and highly adherence to many kinds of plastics.
It is used for car interior parts, home appliances and cameras.
NP79-line is one coat metallic paint and has more brightness than P79-line with aluminum and pearl.

Features

1. Higher brightness than P79-.
2. Good orientation.
3. Good weatherability.
4. Good alcohol resistance and chemical resistance.
5. Good material adhesion.

Paint number

NP79- HAIUREX P each color

Recommended thinner & hardener*)

(Thinner)

ABS, PMMA

Z-27912 HAIUREX P THINNER(quick-dry)
Z-27975 HAIUREX P THINNER(standard)
Z-27918 HAIUREX P THINNER(slow-dry)

PC, PC/ABS

Z-27970 HAIUREX P THINNER(quick-dry)
Z-27993 HAIUREX P THINNER(standard)
Z-27995 HAIUREX P THINNER(slow-dry)

(Hardener)

Z-H-800　(standard)
Z-H-330　(for use in multilayer base coat on PC)

Applicable material

ABS, PC, PC/ABS, PMMA

Notice of use

1. Clean the substrate surface before spraying. Poor adhesion and craters may be caused by foreign objects, such as release agents, attached on the substrate.
2. Use the exclusive thinner for this paint. The film performance may decrease depending on the type of thinner.
3. Verify adhesion, solvent resistance of the substrate, hardening etc. before use, since a variety of resin grades have been developed.
4. Make sure to stir paint thoroughly before use. Pour the diluted paint into a stirred tank, and spray while stirring.
5. Store the paints in a cool (-20～40℃) and dark place, away from direct sunlight.
6. This paint is two-pack paint. Dilute minimal amount of this paint for use. Pot-life; period of time diluted paint remains suitable for use, of this paint is 4 hours at 20 degrees. Please note that quality of paint may decrease when applied after pot-life has expired.
7. Regarding further precautions, refer to SDS etc.

Please send any questions to address included below

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Standard spray specifications		
Terms		**Specifications**
Mixing ratio Paint:Hardener:Thinner(by weight)	Z-H-800	4:1:3±1
	Z-H-330	5:1:4±1
Spraying viscosity(IWATA VISCOMETER NK-2 at 20℃)		12±2 sec
Spraying method	Gun diameter	1.3±0.3mm φ
	Pressure of spray	0.3±0.1MPa
Distance of spray and material		25±5cm
Baking condition	Flash off	25℃×5min.
	Baking	80℃×30min.
Standard film thickness		20±5μm

■ Coating performance

Test item	Test conditions	Result
Adhesion	Peeling of 1mm cross-cut adhesion tape(10×10)	100/100
Hardness	Mitsubishi pencil UNI 1kg of load	F～H
Eraser abrasion resistance	Sony eraser testing equipment, 1.64kgf, 100rounds	Pass
Alcohol resistance	99.5%ethanol, 500g/cm^2, 100rounds	Pass
Acid resistance	0.1N H_2SO_4, 5cc, 25℃×24h	Pass
Alkali resistance	0.1N NaOH, 5cc, 55℃×4h	Pass
Gasoline resistance	Regular gasoline, 30min,immersion	Pass
Heat resistance	Peeling of 1mm cross-cut adhesion tape after 85℃×96h	100/100
Humidity resistance	Peeling of 1mm cross-cut adhesion tape after 50℃×98%RH×120h	100/100
Heat cycle resistance	Peeling of 1mm cross-cut adhesion tape -20℃×3h ⇔ 60℃×3h, 10cycle	100/100
Weatherability	SWOM, 300h, ⊿E=1.0 less than	Pass
Painting condition	Material PC NP79- HAIUREX P Silver Paint:Hardener(Z-H-800):Thinner(Z-27993)=4:1:3(by weight) Flash off 25℃×5min Baking 80℃×30min(Seven days before examination start) Dry film 22±1μm	
※The listed property value is not value of standard by our test result. Please adopt it after examining it enough		

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