

Product Data Sheet

Chassis-3

Maker name : Dai Nippon Toryo Co., Ltd.

Type of paint	Emulsion type
Name	Tecknon chassis #MK NEW

Substrate	Steel
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Color	Black
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1. Characteristics

- Water borne type (Thick film, Air dry)
- Good corrosion resistance
- Good adhesion on steel
- Applicable parts : Propeller Shaft

4. Film performances

Items	Spec.	Result	Test method
Adhesion	M-3 or better	M-1	2mm cross cut
Hardness	B or harder	B	Pencil hardness
Impact resistance	20cm	20cm	1/2inchx500g
Gloss	-	40~50	60°-60° gloss
Water resistance	•No excessive defect of coating •Adhesion<M2.5	Pass M1.5	20°C × 240 hours
Oil resistance	No excessive defect of coating	Pass	20°C × 120 hour
Accelerating weather resistance	No excessive defect of coating	Gloss retention:53%	S.W.O.M 400hours
Corrosion resistance	Peeling width shall be within 3mm at one side	Pass 2mm	SST × 168 hours

5. Property

	Items	Property
Time of delivery	Viscosity	23~25 sec./NK#2/20°C
	NV	36±2%
	Storage stability	Good
	Specific gravity	1. 10±0. 05
	Specific gravity of paint films	1. 35±0. 05
During application	Viscosity	23~25 sec./NK#2/20°C
	NV	36%
	Dilution stability	Good

2. Composition

Materials	Rate of Composition
Resin varnish Modified Alkyd resin	19. 2
Pigment •Carbon •Anti-corrosive pigment •Body pigment	18. 8
Additives Surface Adjustment agent	0. 9
Glycol ether	12. 6
Deionized water	48.5

3. Paint specification

Thinner	Deionized water
Diluted amount	0~3%
Planned coating vis.	23~25 sec/NK#2/20°C
Diluted state	Viscosity measurement
Application equipment	Auto air spray

6. Controlled substance

Fire service Act	N/A
Poisonous and Deleterious substances	N/A
Hazardous substances	N/A
ELV regulation	N/A

N/A: Not available

7. Line layout model

