



HR-100 BLACK

Technical Data Sheet

Information

This product is manufactured with special heat-resistant resin and heat-resistant pigment, so it exhibits adhesion, chemical resistance, and heat resistance, is glossy, and can be made in various colors, making it the most commonly used exterior paint for kitchen utensils.

Main Ingredient

- Silicone polyester resin

Properties

HR - 100	
Exterior	Transparent and Colored
Polish	Various
Solid Content	55 ~60
Specific Gravity	1.0 ~ 1.3
Viscosity	50 ~ 60 KU
Thinner	HR - 100
Spray Viscosity	14 ~ 16 sec
Thickness	30 ~ 35 μm
Drying Time	260 ~ 270 °c X 20 ~ 30 Min
Theoretical Coverage Area	17 ~ 25 ($\text{m}^2/1\text{L}$)

Field Of Application

- Paint for kitchen utensils, cooking utensils and electric and gas heaters
- Corrosion-resistant paint for waste gas flue
- Other heat-resistant and weather-resistant paints for metals



Characteristic

- Excellent heat resistance
- Excellent corrosion resistance
- Excellent chemical resistance

STORAGE

Products should be kept tightly closed when not in use and stored in a cool, dry place because they will absorb moisture if left in open containers and it could result in increased viscosity, color change and some crystallization of the products.

This product has shelf life of 12 months when protected from moisture and air.

HANDLING PRECAUTION

Please refer to the MSDS for further information.

SEOEUN Tech CO.
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Standard Application Method

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	Name	Metalfron Black	Remarks
1	Appearance		
2	Color		
3	Materials	Die casting or Aluminum	
4	Paint Name		
5	Thinner	HR-300 Thinner	
6	Hardener	--	a liquid form one coat type
7	Mixing Ratio (Paint / Hardener)	--	
8	Mixing Ratio (Paint / Thinner)	100 / 30 ~ 50	Paint / Thinner
9	Spray Viscosity	120 ~ 130 KU	
10	Filter	200 micron	
11	Painting Method	Air Spray	
12	Setting Time	5 ~ 10 min	
13	Baking Condition	260~270°C X 20 min	
14	Film Thickness	30 ~ 35 μ m	
15	Warranty	6 Months	

Cautions On Handling

- 1) Mix thoroughly the Paint and Thinner with proper stirring device.
- 2) Use specified thinner only, or may result in defects.
- 3) Use adequate ventilation to work area. Avoid prolonged breathing of vapor.
- 4) Store drum in the dark areas with good ventilation.





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CERTIFICATION OF ANALYSIS

Customer :
Product Name Metalfrone BLACK

Lot No. :
Quantity :

Test Item	Unit	Specification	Result	Remarks
Appearance	-	-	PASS	
Viscosity	KU	69 ~ 75	70	
Specific Gravity		1.09 ± 0.05	1.071	
Solds Content	%	58 ± 2	59.84	
Color	-	BLACK	BLACK	

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CERTIFY THE ABOVE STATEMENT OF QUALITY TO BE TRUE AND CORRECT.

Head of Quality Control