



SHUNDE DEFFOLON NON-STICK COATING CO., LTD

Product Information

Product series: DF-15xxxx

Coating type: organic silicon coating

Coating composition:

Coating composition	Organic silicone modified resin
	Coloring pigment
	Filler
	Organic solvent
	additives

Coating physical properties:

Solid content (150°C ×30MIN)	45.1±2%
Specific gravity	1.1~1.15
Viscosity (Iwata 2# cup)	36.0"±3/25°C
Covering power	65.5±3m ² /L
Theoretical coating weight (15)	10m ²

Coating film properties:

NO.	Items	Detection methods	Results	
1	Gloss	60° glossmeter	30°	
2	Pencil hardness	Chung Hwa pencil	≥3H	
3	Adhesive force	100/100 checks	100/100 times	3M adhesive tape
4	Solvent resistance	MEK wiping/ no scars	≥100 times	
5	Abrasion resistance	/3M scouring pad 1.5KG pressure	1000 times	
6	Heat resistance	No abnormality, no toxicity and no harm within 260°C of operating temperature;	Normal	

Suggested application methods:

Applicable materials	Material pre-treatment	Spraying viscosity	Baking temperature	Baking time
Iron/ Aluminum materials	Phosphorization/ Sand blasting	12~14	280°C	10~15MIN

The above experimental data is only for reference, which shall be adjusted according to the actual situation of the production line.

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Other precautions:

The coating shall be fully stirred before use and shall be filtered by the 300-mesh filter screen. B. The coating storage temperature is 10~25°C, and the storage period is 6 months.

C. The coating diluent is BAC

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