



SHUNDE DEFFOLON NON-STICK COATING CO., LTD

## Product Information

**Product series:** DF-1859PES-2

**Application description:**

**Coating composition:**

Coating composition	PES resin
	Coloring pigment
	Filler
	Organic solvent

**Coating physical properties:**

Solid content (150℃ ×30MIN)	30.1±3%
Specific gravity	1.05~1.10
Viscosity (Iwata 2# cup)	25.0"±3/25℃
Covering power	55.5±3m <sup>2</sup> /L
Theoretical coating weight (15)	9.66m <sup>2</sup>

**Coating film properties:**

NO.	Items	Detection methods	Results	
1	Gloss	60°glossmeter	10°	
2	Pencil hardness	Chung Hwa pencil	≥3H	
3	Adhesive force	100/100 checks	100/100 5 times	3M adhesive tape
4	Solvent resistance	MEK wiping/ no scars	≥100 次 ≥100 times	
5	Abrasion resistance	/3M scouring pad 1.5KG pressure	≥100 次 ≥100 times	
6	Non-stick	Frying 3 eggs	OK	

**Suggested application methods:**

Applicable materials	Material pre-treatment	Spraying viscosity	Baking temperature	Baking time	
Aluminum materials	Sand blasting	10~12	380℃	10~15MIN	

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

**Other precautions:**

A. The coating shall be fully stirred before use and shall be filtered by the 200-mesh filter screen.

**DEFFOLON Deffolon Non-stick Coating Co., Ltd.**

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- B. The coating storage temperature is 10~25°C, and the storage period is 6 months.
- C. The coating diluent is NMP.

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