



## Product Information

**Product series:** DF-15xxxTC

**Application description:** Frying pan, baking tray

**Coating composition:**

Coating composition	Silicon dioxide, chlorine dioxide	
	Coloring pigment	
	Functional filler	
	additives	
Product solids	Base coat: 48%±1	Top coat: 39±1%
The proportion of product	Base coat: 1.27kg/1L	Top coat: 1.06kg/1L
Viscosity	Base coat: 9.1 seconds	Top coat: 8.2 seconds

**Basic Coating performance:**

Coating film detection items	Detection methods	Results
Film thickness $\mu\text{m}$	Film thickness gauge	30 microns—50 microns
Gloss	glossmeter	58°
Pencil hardness	Red Mitsubishi pencil	7H (Aluminum materials) ~9H (stainless steel)
Adhesive force	Cross-cut tape test	100%
Abrasion resistance	3M, 7447C scouring pad	10000~100000 times (customizable)
Salt water boiling test	5% salt water	500 hours
Acid resistance	10% Hydrochloric acid solution	Boiled for 15 minutes
Non-stick	Oil-free fried egg	Durable non-stick
Temperature resistance	-----	No appearance change within 500°C

Theoretical coating weight: 5.5m<sup>2</sup>/kg-6.5m<sup>2</sup>/kg (it depends on the film thickness and actual utilization rate)

Material pre-treatment: in order to ensure the good quality of the coating application and embody the optimum performance of the coating, the degreasing, sand blasting and surface particle treatment of the workpiece shall be carried out, which is crucial to ensuring the coating performance. For sand blasting, the 60-mesh aluminum oxide sand is used to make Ra=3.5-4.5 microns.

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

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Foshan Shunde Deffolon Non-stick Coating Co., Ltd.

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**Health and safety precautions:**

Like the use of other coatings, during the use of the coating, it shall be noticed that the steam produced by the coating may have the irritation resulting in injury. Prevent the coating from contacting with eyes or skin. Keep away from heat sources, sparks or flames. When not in use, tightly cover the coating container with the lid. Please observe the local safety management regulations for the disposal and transportation of materials. If you want to know more information about health, safety and environment, please refer to the MSDS of our products.

The technical proposal and data of this information are the best of our knowledge without any guarantee. If once the new version is released, this information will be invalid at once. Please contact us to obtain the latest version.

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