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NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA

GB/T 1762-1980 (GB 1762-80)

Replacing GB 1762-79

Method of test for after-tack of paint films

漆膜回粘性测定法

Implemented on: December 01, 1980

Issued by: State Administration for Market Regulation;

Proposed by: Ministry of Chemical Industry of the People's Republic of China

Drafted by: Coatings Industry Research Institute, Ministry of Chemical Industry

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Method of test for after-tack of paint films

This Standard applies to the test for after-tack of paint films. The phenomenon of paint films sticking together after drying due to the influence of certain temperature and humidity is called after-tack of paint films.

1 General provisions

Materials and instruments

Filter paper: Medium-speed quantitative filter paper, 20×20 mm;

After-tack tester: 500 grams, base area of 1 cm², flat and smooth surface required, as shown in the figure:



Tinplate: 50×120×0.2~0.3 mm;

Temperature and humidity control chamber: model DL302;

Magnifying glass: 4x.

2 Measurement method

Prepare a paint film on a tinplate by brushing according to *General method of paint film* (GB 1727-79). After painting, allow to dry under constant temperature and humidity conditions for 48 hours. Place the filter paper with the smooth side down on the paint film at least 1 cm from the edge of the sample; put it into a temperature and humidity control chamber; place the after-tack tester, which has been preheated at a temperature of $40\pm 1^{\circ}\text{C}$ and a relative humidity of $80\pm 2\%$, in the center of the filter paper; close the temperature and humidity control chamber. Raise the temperature to $40\pm 1^{\circ}\text{C}$ and the

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