

# JAPAN CHEMICAL INNOVATION AND INSPECTION INSTITUTE

ORGANIZATION APPROVED BY MINISTRY OF ECONOMY, TRADE & INDUSTRY  
AND MINISTRY OF HEALTH, LABOUR & WELFARE

## HIGH POLYMER TEST AND EVALUATION CENTER

TOKYO Office : 2-11-17 Sinonome, Koto-ku, Tokyo 135-0062

Tel.03-3527-5115 Fax.03-3527-5116

No. T-14006346E001

Date : January 7, 2015

### Certificate

This is to certify that the following sample has been duly tested in accordance with the Japanese Food Sanitation Law (Ministry of Health and Welfare Notification No. 370, 1959) and proved the following result.

Applicant : HAKKO CORPORATION

Sample : E-SF

Date of test : January 7, 2015

Result and No. 595 Standard

<u>Test Items</u>	<u>Standard</u>	<u>Test Results</u>
Material Tests		
Lead	Not more than 100 $\mu$ g/g	Within the limit
Cadmium	Not more than 100 $\mu$ g/g	Within the limit
Di-Butyl Tin Compounds	Not more than 50 $\mu$ g/g	Within the limit
Tri-Cresylphosphate	Not more than 1 mg/g	Within the limit
Vinyl Chloride Monomer	Not more than 1 $\mu$ g/g	Within the limit
Bis(2-ethylhexyl)phthalate	Not more than 0.1 %	Within the limit
Dissolution Tests (Filling elution)		
Heavy Metals	Not more than 1 $\mu$ g/ml as Pb	Within the limit
Consumption of $\text{KMnO}_4$	Not more than 10 $\mu$ g/ml	Within the limit
Evaporation Residue Distilled Water	Not more than 30 $\mu$ g/ml	Within the limit
Evaporation Residue 4% Acetic Acid	Not more than 30 $\mu$ g/ml	Within the limit
Evaporation Residue 20% Ethanol	Not more than 30 $\mu$ g/ml	Within the limit
Evaporation Residue Heptane	Not more than 150 $\mu$ g/ml	Within the limit

I hereby certify that the result of examination was stated above.

  
Director

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