KES

Analysis of Monomer for Poly Vinyl Chloride Resin

KES T – M061

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1. Scope of application

This standard shall prescribe analysis method of quality and quantitative foe monomer and non-reactor of poly vinyl chloride (Hereafter PVC)

2. Non-reactor and monomer.

2.1 Outline.

This method is quantitative analysis for vinyl chloride, HCl, benzene, and toluene by gas chromatograph after heating sample to dissolve

2.2 Equipment

(1) Gas chromatograph

(2) Detector : FID or TID

(3) Column

(4) Recorder

2.3 Condition of analysis and element

2.3.1 Condition A

(1) Column : 15 % ucon oil LB 550 X / Chramsorb W

(2) Size of column : 3mm ϕ x 4 m

(3) Temperature of column : 140 °C

(4) Carrier gas : N_2 35 mℓ / min

(5) Detector : FID

(6) Att : 32 ~ 128 × 10

(7) Temperature of pyrolysis : 590 °C, 3 sec.

(8) Target element : Chloride vinyl.

(9) Peak time

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