

KES

Analysis of Oil for SBR

KES T – M173

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1. Scope of Application

This standard shall specify the measuring method of oil-inserted amount for SBR.

2. Method A

2.1 Apparatus

(1) Wide-Mouth Flask

400 ~ 500 cm³

(2) Hot Plate and Reflux Condenser

(3) Filtering Paper and Wire Gauze or Asbestos Mat

(4) Clock Plate

(5) Electric Oven

Capable of keeping the temperature of 105° C and pressure of 23 mm Hg.

2.2 Reagent

(1) ETA (Ethanol-Toluene-Azetropo) Solution

After Ethyl Alcohol 70 volume and Toluene 30 volume are mixed, they are flowed together and distilled for 4 hours. Then, the first 10% and final 10% of outflow are trashed.

(2) H-ITM (Hydrous Isopropanol Toluene-Mixture)

Anhydrous pure Grade Iso Propanol 75 volume and Toluene 25 volume are mixed.

Then, this solution 92 volume and water 8 volume are mixed

(3) Acetone

2.3 Specimen Preparation

The thickness of specimen is less than 0.5 mm and dried. The gathered 6g is cut shortly and inserted in the strip.

2.4 Operation

(1) 6gr of gathered specimen is separated to 5 ~ 6 group and each weight of group is