

# Glycerol Ester of Hydrogenated Rosin (Food Additive)

## Specifications

Type	GER-85E	GER-85ER
Solubility(with toluene1:1)	Clear	
Color (Fe-Co Scale) max	8	5
Acid Value, mgKOH/g max	9	
Softening Point(R&B), °C	80~90	
Total Arsenic(as As), (mg/kg) max	1.0	
Heavy metal(as Pb), (mg/kg) max	10.0	
Ash Content, (g/100g) max	0.1	
Relative Density, d25°C/25°C	1.060~1.090	

## Applications

- GER-85E is esterified from refined gum rosin and edible glycerol; GEHR-85E is esterified from refined hydrogenated rosin and edible glycerol.
- The products can be used as emulsification stabilizer for drinks, and as chewing ingredient for chewing gum & bubble gum. GEHR-85E can be used as tackifier for cigarette filter adhesives.

## Features

- The solvent of the sample is changed from neutral Ethanol to neutral Benzes-Ethanol solution (1:1), and 0.5mol/L standard KOH aqueous solution is changed to 0.05mol/L KOH Ethanol solution.
- Dissolve the sample, which is been removed the surface part and crushed, in the Toluene proportionally 1:1 (by weight) and fill into dry and clean Gardner colorimetric tube.
- Remark: GER-85EB/85ERB/85EV is added anti-oxidant BHT or Vitamin E (VE) according to customers' request.

## Packaging and Storage:

Kraft paper bags, 25 kg/s net, 200 kg/s Kraft paper drums.

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