



Glycerol Rosin Ester

GLRNESTAC 500

Glycerol Rosin Ester (GLRNESTAC 500) is a glycerol rosin ester that has good heat stability. Use in a wide variety of adhesives due to its stability and excellent polymer compatibility.

Recommended Applications

Compatible with Ethylene Vinyl Acetate (EVA) polymers, Ethylene Ethyl Acrylate, Styrene-Isoprene-Styrene (SIS), Styrene- Butadiene-Styrene (SBS), SBR, natural rubber, butyl rubber, neoprene, acrylic, LMW polyethylene, amorphous polypropylene and other polymers and with phthalate and polyester plasticizers, alkyds, hydrocarbon resins and terpene resins.

Use in EVA, SBS, SIS, and other hot melt adhesives, solvent-born SBR adhesives, solvent-born natural rubber/SBR adhesives, solvent-born natural rubber adhesives, solvent-born Acrylic adhesives.

Typical Properties

Acid Value (mgKOH/g), <=	10
Softening Point (Ring & Ball) °C	85-95
Color, Gardner, <=	5

Soluble in: aromatic and aliphatic hydrocarbon solvents (petroleum benzine, mineral spirit, benzene, ethyl acetate, acetone), esters, ketones and chlorinated solvents.

Insoluble in: alcohol and water.

Forms/Packaging

Flaked or Pellet, 25kg net in new paper-plastics compound sacks.

FDA Status

Meets the requirements of the Code of Federal Regulations, Title 21, under the following section: 175.105, 175.125, 175.300 Adhesives.

Storage

Maximum storage time: 6 months.

Country of Origin

People's Republic of China.