



NON-CRYSTALLIZING GUM ROSIN

GR200

Non-Crystallizing Gum Rosins (GR200) are derivatives of gum rosin obtained by chemical treatment to eliminate the natural tendency of the gum rosin to crystallize, without affecting its solubility and compatibility. Formulated in solvent-based and water-based adhesives, they are suitable for use as an excellent base material for polymerization reaction emulsifiers and a shortstop in various solution polymers, where they provide tack and stability to the finished polymers.

Typical Properties	Specifications	Typical
Acid Value (mg KOH/g), <=	150-170	162
Softening Point (Ring & Ball), °C	70-80	72
Color, USDA, <=	XA (5)	XB (4)
Solubility		
▪ Soluble in Aromatic and aliphatic hydrocarbon solvents and chlorinated solvents.		
▪ Soluble at 50% or higher solids in ethanol, n-propanol and isopropanol.		
▪ Insoluble in ethylene glycol, propylene glycol and water.		
Compatibility		
▪ Compatible with SBR, natural rubber, butyl rubber, chlorinated rubber, neoprene, EVA, EEA, SIS and SBS copolymers, polyethylene, polypropylene, acrylic polymers, phthalate and polyester plasticizers, alkyds and hydrocarbon resins.		
Stability		
▪ Stable in polymers.		

Suggested Applications

- Floor Coating Adhesives.
- Pressure Sensitive Adhesives (PSA).

Forms/Packaging

In galvanized iron drum, 220 kg net each drum.

Storage

Longer than 6 months of storage should be avoided due to the potential effect on performance

Method of Analysis

ASTM D465-92

ASTM D1544-68

Country of Origin

People's Republic of China.

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