



RESIN P

PARTIALLY POLYMERIZED ROSIN

RESIN P is a low-color and thermoplastic resin made by a partial polymerization of natural gum rosin. Its polymerization process gives RESIN P outstanding properties compared with regular rosins, such as better stability of color oxidation and aging resistance, a higher softening point and higher viscosity.

RESIN P is widely used as a raw material for adhesives, protective coatings, ink vehicles, rubber compounds and varnishes.

PRODUCT SPECIFICATIONS:

Acid Number	150 - 160
Softening Point (Ring & Ball).....	90-100°C (194-212°F)
Gardner-Holdt Viscosity at 25°C (77°F) (60% WS)	A-C
Color G'33 (50% Toluene)	12 Max.

PROPERTIES:

Acid Number	150
Softening Point (Ring & Ball).....	91°C (196°F)
Gardner-Holdt Viscosity at 25°C (77°F) (60% WS)	B
Color G'33 (50% Toluene)	10
Specific Gravity at 20°C (68°F).....	1.06
% Ashes	0.02

COMPATIBILITIES / SOLUBILITIES:

RESIN P is compatible in useful proportion with natural and synthetic rubbers, natural resins, ethylcellulose, nitrocellulose, alkyds, maleic-modified resins, phenolic-modified resins, waxes, polymerized oils, and many other raw materials. RESIN P is soluble in ketones, esters, hydrocarbons and chlorinated solvents. Partially soluble in methanol-ethanol, butanol and isopropanol. Insoluble in water.

TYPICAL USES:

RESIN P is used in the manufacture of adhesives, spirit and oleoresinous varnishes, printing inks, resinate driers, synthetic resins.

AVAILABLE FORMS:

Pastilles in paper bags (22.7 kgs. or 50 lbs, appx. net wt.). drums (235 kg)



PRODUCT SAFETY:

A Material Safety Data Sheet should be obtained prior to use of this product.

STORAGE AND INVENTORY CONTROLS:

If material is stored near heat sources or outside warehouse in hot weather, it may fuse, lump or block. Oldest material should always be used first. It should be kept away from humidity and air currents. Storage of open bags is not recommended. Oxidation will cause darkening and adverse effects on resin properties. Control of inventory must be observed at all times.

FDA STATUS:

RESIN P complies with the requirements of the FDA (U.S. Food and Drug Administration) to be used in contact with food, food-packaging and food-processing operations, in title 21.

This information and suggestions herein are based upon our experience and data believed to be reliable. No warranty or guarantee is made as to accuracy or completeness. It is the user's responsibility to determine the suitability and completeness of this information for the particular use. Since application conditions are beyond our control, we can not guarantee results.