



SUSTAINABLE PINE RESIN DERIVATIVES

TECHNICAL DATA SHEET

Gum Rosin

Description

Gum Rosin is the slightly yellow solid resin part obtained during the distillation of refined oleo pine resin tapped from live pine trees specifically of the Pinus Merkusii variety. Indonesian gum rosin consists of various resin acids such as Abietic, Palustric, Isopimaric and Mercusic Acid. It is insoluble in water but soluble in many organic solvents.

Specifications:

Test Item	X Grade	WW Grade
Color	< 6 on Gardener	< 7 on Gardener
Softening Point (Ring and Ball)	78° C	78° C
Acid Value mgKOH/g	180 - 195	180 - 195
Unsaponifiable Matter %	2 - 3	2 - 3
Insoluble Matter %	< 0.02	< 0.04
Volatile Oil Content %	< 2	< 2

Applications:

- » The most important application of Gum Rosin is in the Adhesives and Coatings Industry after Esterification.
- » It is widely used in the Papermaking Industry as Internal Sizing
- » In the Printing Inks, Synthetic Rubber and Soap Industry

Packaging:

- » In 225 Kg New GI Drums

Storage:

- » Store in cool and dry place.