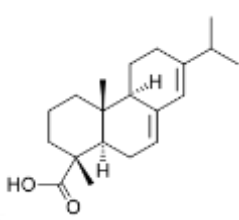


# GUM ROSIN (K GRADE)



## General Information

Chemical Formula	C <sub>20</sub> H <sub>30</sub> O <sub>2</sub>	
Synonym	Colophony	
Origin	Indonesia	
H.S. Code	3806.10.00	
CAS No.	8050-09-7	
Molecular Weight	302.44 g mol <sup>-1</sup>	

## Application

Rubber	It is used for softening of rubber and to ease the dispersion of filler in rubber.
Adhesive	It is used to prepare rubber and synthetic resin based adhesive.
Pulp and Paper	It is used as a paper sizing agent to improve the quality and strength of paper.
Paint	It is used in paints to provide smoothness to the coated surface.
Ink	It is used in the manufacture of ink to act as a carrier of ink and to increase its adhesion to paper.
Other applications	In soap industry as replacement of aliphatic acid, food industry for chewing gum, insulator, welding flux, etc.

## Specification

Property	Units	Value
Color		Yellow red
Appearance		Transparent solid
Softening point	°C	74.0 (min)
Acid number	mg KOH/g	164.0 (min)
Unsaponifiable matter	%	6.0 (max)
Alcohol insoluble	%	0.04 (max)
Ash content	%	0.04 (max)

## Packaging

- 920 @ 25 kg PP/PE bags, 23 MT / 20' FCL
- 80 @ 225 kg drums, 18 Mt / 20' FCL