

# Technical Data Sheet

Version: 1.0  
Page 1, Total 1

Date: 18 / 6 / 2026



Item Name:

## ROSIN

### PRODUCT INFORMATION

|                    |                                                |
|--------------------|------------------------------------------------|
| Chinese Name:      | 松香                                             |
| Commodity Name:    | ROSIN                                          |
| Chemical Name:     | Gum Rosin                                      |
| Other Name:        | Colophony, Natural Resin                       |
| CAS No.:           | 8050-09-7                                      |
| Molecular Weight:  | 302.451                                        |
| Molecular Formula: | C <sub>20</sub> H <sub>30</sub> O <sub>2</sub> |

### PRODUCT DESCRIPTION

Rosin obtained by the removal of turpentine by direct heat or steam distillation. Usually light yellow to tan. Soluble in alcohol, benzene, ether. Insoluble in water.

### TECHNICAL SPECIFICATION

| Index                               | Standard                       |
|-------------------------------------|--------------------------------|
| Appearance                          | Light yellow transparent solid |
| Softening point by °C               | 76 min                         |
| Acid number (mg KOH/g)              | 166 min                        |
| Insoluble matter in alcohol by wt % | 0.03 max                       |
| Non-saponification content by wt %  | 5 max                          |
| Ash content by wt %                 | 0.02 max                       |
| Solubility in Benzene               | Clear                          |

### MAIN APPLICATION

It is used to make washing soap, metal soap, varnish, ink, welding materials, insulating materials, etc., and is used as a sizing agent for paper and a softener for increasing the adhesion of rubber.

### PACKING, LOADING AND SHELF LIFE

Packing: 225kg iron drums

Loading: 18mt/20'fcl (80 drums on pallets), 21.6mt/20'fcl w/o pallet

Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

### DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.