

60000 - 60001 Dammar

Product Specification

60000 Dammar I A (white, clean, selected quality)

60001 Dammar, grains and powder (may contain impurities)

CAS No.: 9000-16-2
EINECS: 232-528-4

Definition: Gum Dammar white is the dried exudation obtained from the incisions or other damages of the trunk of different trees of Shorea spp., Hopea spp. And Balanocarpus spp. (Fam. Dipterocarpaceae)
Origin: Indonesia (Sumatra, Java), the Philippines, Borneo and East-India
Parent plant: mainly Shorea wiesneri STAPF
Storage and shelf-life: 2 years under dark and dry conditions at ambient temperature
Uses and application: paint, ink and vanish industry

Parameter	Specification
Appearance:	white to yellowish-white, translucent globular to pear-shaped grains, irregular fragments or stalactitic masses
Odor:	slight characteristic balsamin odor
Solubility:	soluble in chloroform, toluene, light petroleum, carbon disulphide, partly soluble in alcohol and ether, insoluble in water
Typical composition (lit. data):	Essential oil: approx.. 0.5 % alpha-Dammaroresin (alcohol-soluble): approx.. 40 % beta-Dammaroresin (alcohol-insoluble): approx.. 23 % Furthermore various amounts of: water, hydrocarbons, and bitter principle substances
Softening point (lit. data):	approx.. 75°C
Melting range (lit. data):	approx.. 100 – 150°C
Specific gravity (lit. data):	approx.. 1.04 – 1.12°C
Acid value (lit. data):	approx.. 25 – 35 mg KOH/g