

O6000 - O60001 Dammar

Product Specification

O6000 Dammar I A (white, clean, selected quality)

O60001 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