



BRESCIANI

Restorasyon ve Koruma Malzemeleri ve Ekipmanları



TEKNİK VERİ SAYFASI

ver.1/1

GOMMA DAMAR EXTRA

Art. 55761

Gomma Damar is native to Sumatra and Borneo (Indonesia). Gum is the solidified exudation of Damar trees, and comes in pale ivory-yellow granules, easily brittle and with a pleasant smell. Good light stability. Compatible with other resins, waxes, oils and pigments.

Field of Use:

Gomma Damar, in the field of restoration and art, is notoriously used in the manufacture of final varnishes to protect paintings, mixing it with turpentine essence, raw linseed oil, etc.

Preparation of Damar Gum:

Damar gum is soluble in White Spirit, aromatic solvents and turpentine. To obtain a more transparent paint it is advisable to dissolve the resin in lukewarm solvents. Adding alcohol causes the precipitation of waxy residues (approx. 15%) contained in the resin. Damar has good adhesive power and low acidity.

Chemical-Physical Characteristics:

COMPOSITION: Dammarolic acid, Alfadammaresene and dammarolic acid. Very small amounts of essential oil

APPEARANCE: solid

COLOR: Yellowish partially transparent

SMELL: Slightly balsamic

SOLUBILITY: Soluble in chloroform, benzene, turpentine essence, White Spirit, aromatic hydrocarbons. Partially soluble in alcohol, petroleum ether, ether, acetone

SAPONIFICATION NUMBER:	40 - 70
NUMBER OF ACIDITY:	20 - 35
MELTING POINT:	120 ° C - 150 ° C
DENSITY:	1.03 - 1.12
SPECIFIC WEIGHT:	1.04 - 1.09
WATER CONTENT:	about 2.5%
ASHES:	about 2.5%
IMPURITIES:	about 8.0%

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-Only professional use-

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