

Technical data sheet

White Dammar

Art. No.: 337501-01329 Grade 5200
 Art. No.: 337501-01331 Grade 5202

Version: 04/2018

White dammar is a natural recent resin of several compositions with different structures and solubilities. One of the main components (dammar resene) is insoluble in alcohol, the other (dewaxed dammar) is soluble in ester and alcohol.

Technical Data:

	Value	Unit	Test Method
Melting point	ca. 100 – 150	°C	
Sagging point	ca. 75	°C	
Acid value	ca. 25 – 35	mg KOH/g	
Saponification value	ca. 35 – 60	mg KOH/g	
Colour, Gardner	ca. 3 – 5		
Density	ca. 1,04 – 1,12	g/cm ³	
Residues	ca. 1 – 3	w%	
Delivery form	coarse Typ 5200 dispersed Typ 5202		

Application and properties

Solubility - White dammar is soluble in aliphatic and aromatic hydrocarbons, glycolethers and high alcohols, partially soluble in esters and ketones and insoluble in low alcohols.

Compatibility - Cold white dammar is compatible with polymerised oils, medium fat alkyd resins and some raw materials for the paint production.

White dammar can also be heated up but be aware of its losing the clear colour when exceeding 120°C. In combination with oils or alkyd resins white dammar is used for radiator coatings especially due to its antiyellowing properties. It also is used in white and stamping enamels because of its almost water white colour and good gloss as well as in fluorescent colours.

Remark: like all natural tropical substances the white dammar properties may show certain differences. The standard grades, however – object of this data sheet – have been stable for years now.

Recommended storage conditions

White Dammar should be stored in well closed original packaging in dry, light protected environment.

Packaging

Jute bag, 25kg net