

Technical data sheet

Schellackwachs 44

Art. No.: 337503-06128

Version: 07/2019

Schellackwachs 44 is a light-brown, relatively hard wax, which consist of a mixture of esters (approx. 60%) and free alcohols (approx. 35%). Furthermore, it contains small amounts of hydrocarbons, penta- and hentriacontanes and approximately 1% varnish acid. It is obtained from the natural, renewable raw material seedlac.

Technical Data:

	Wert	Einheit	Messmethode
Melting point	70 – 84	°C	PH.EUR.2.2.14
Acid value	2 – 15	mg KOH/g	DIN EN ISO 2114
Saponification number	40 – 85	mg KOH/g	DIN EN ISO 3681
Trocknungsverlust	≤ 1	%	USP
Color	light-brown		
Drop point	70 – 85	°C	
Density	approx. 0,94	g/ml	
Delivery form	Solid, Flakes		

Application and Properties

Schellackwachs 44 is free of shellac resin, water, impurities like peroxides, and has a transparent melt. It is particularly suitable for the preparation of stable dispersions with extremely small particles size.

Schellackwachs 44 is versatile and therefore it can be used in a wide variety of applications. Because of its hardness, it can be used for instance as a substitute for carnauba wax for example in shoe polishes and polishing milk. Further application areas of Schellackwachs 44 include paints, printing inks, leather and wood care products as well as the use as a release agent.

Transport and Storage

When stored under cool dry conditions in unopened original packing at temperatures between 0°C - 30°C the product has a shelf life of two years. Temperatures > 40°C increase blocking risk.

Packaging

25kg bags