

**60441 Shellac light, wax-free, decolorized, food quality**

**PRODUCT SPECIFICATION**

CAS No.: 9000-59-3

Appearance: Yellow to brownish-orange shining, translucent, hard or brittle, more or less thin flakes

Solubility: It is freely (slowly) soluble in alcohol, insoluble in water and slightly soluble in acetone and ether

Storage and shelf life: 2 years under dark, cool and dry conditions. Store in well closed containers at max. 20°C. Product tends to black at higher temperatures!

<i>Parameter</i>	<i>Method of Analysis</i>	<i>Specification</i>	<i>Unit</i>
Color	Lovibond PRS, 20% in ethanol	1 – 1.75	
Acid value	DIN EN ISO 2114	60 - 75	[mg KOH/g]
Saponification value	DIN EN ISO 3681	175 – 240	[mg KOH/g]
Loss on drying	USP	≤ 2	[%]
Wax content	USP	≤ 0.2	[%]
Lead content	USP	≤ 2	[ppm]
Rosin	USP	corresponds	
Melting temperature	PH.EUR.2.2.14	65 - 77	[°C]

Shellac (E904) is an approved food additive according to Annex II of the EU Regulation 1333/2008. This product meets the specific purity requirements according to the EU Regulation 231/2012 for Shellac as food additive.