



SYLVAROS® R 100A

Produced in Gersthofen, Germany

Regulations

Instructions relevant to safety are defined in the material safety data sheet respectively in the valid version according to the EU rules. SYLVAROS® R 100 A is liable to German regulations on dangerous substances (GefStoffV) and is accordingly to be labelled as a skin sensitizer with R 43. Concerning a label-free product it is referred to the dehydrogenated rosin, ABIETA™ DR 835A.

Product properties

SYLVAROS® R 100 A is soluble in the most organic solvents and after neutralisation with sodium hydroxide solution, potassium hydroxide solution, ammonia or amines also soluble in water. Its average oxygen absorption is less than 0.2 % (w/w) over a period of 4 weeks. The material may, however, deteriorate slightly in colour if stored for a prolonged period exposed to air. Molten rosin at higher temperatures should be blanketed with an inert gas to prevent any possibility of oxidation by atmospheric oxygen.

Standard Delivery Specification

<u>Characteristic</u>	<u>Unit</u>	<u>Value</u>	<u>Method</u>
Acid number	mg KOH/g	160-180	ASTM D 803
Colour	US Rosin Grade	min. M	ASTM D 509
Unsaponifiable matter	% (w/w)	max. 10	ASTM D 1065
Abietic acid	% (w/w)	30-60	Abieta GC-method
Dehydroabietic acid	% (w/w)	2-15	Abieta GC-method

Arizona Chemical laboratory methods are available on request.



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Application

SYLVAROS® R 100 A can be used for the formulation of paper sizing agents as well as for the manufacture of rosin derivatives.

Dispatch and Storage

SYLVAROS® R 100 A is normally supplied in pastilled form in PE bags containing 25 kg net. The material should be kept away from heat sources and radiant heat. The maximum storage temperature is 30 °C. At temperatures above 20 °C pallets should be single stacked to avoid compression of the material.

Particularly during the summertime it is inevitable that the pastils will stick to each other. Tapping the bags normally restores the free-flowing properties.

On request the product can also be supplied in 225 kg drums en bloc. Larger quantities can be supplied in heated road tankers or containers, loaded with a product temperature of a least 180 °C.

Shelf life

The shelf life of SYLVAROS® R 100 A appropriately stored is at least 1 year. Thereafter, reapproving of the material by Arizona Chemical is recommended.

This information is based on our present state of knowledge and is intended to provide general notes on our products and their uses. Therefore, it should not be construed as guaranteeing specific properties of the products described or their suitability for a particular application. Any existing industrial property rights must be observed. The quality of our products is guaranteed under our General Conditions of Sale.



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