



ABIETA™ DRS 314

Produced in Gersthofen, Germany

Raw materials

For the production of ABIETA™ DRS 314 dehydrogenated/partially hydrogenated Rosin is used. The neutralisation is carried out with Potassium hydroxide solution.

Product properties

ABIETA™ DRS 314 is produced as watery paste, which may separate during a longer period of storage. ABIETA™ DRS 314 can be applied in aqueous systems and is soluble in the most organic solvents.

Standard Delivery Specification

<u>Characteristic</u>	<u>Unit</u>	<u>Value</u>	<u>Method</u>
Acid number	mg KOH/g	9.5 – 11.5	ASTM D 803
Solids content	% (w/w)	79 – 81	ASTM D 890
Acid number of resin component	mg KOH/g	150 – 170	Arizona Chemical method
Colour	US-Rosin Grade	min. WG	ASTM D 509
Unsaponifiable matter	% (w/w)	max. 10	ASTM D 1065
Abietic acid	% (w/w)	0	Arizona Chemical UV-method
Dehydroabietic acid	% (w/w)	min. 38	Arizona Chemical UV-method
Chloride	% (w/w)	max. 0.1	Arizona Chemical method
Iron	mg/kg	max. 5	ASTM D 1064

The values excepting the acid number of resin component are related to the product tel quel.

Arizona Chemical laboratory test methods are available on request. For controlling the specification values a representative sample is indispensable.



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Application

ABIETA™ DRS 314 can be used as emulsifiers in the polymerization process of styrene-butadiene rubber, nitrile rubber, polychloroprene and acrylonitrile-butadiene-styrene plastics.

ABIETA™ DRS 314 is also suitable for the preparation of pigments, as anchoring agent and in the adhesive industry to improve properties of adhesives on basis of casein or polymer dispersions.

Dispatch and Storage

The product can be delivered in heatable rail tanks or road tankers. Smaller quantities are supplied in 1000 l-containers or in steel drums.

To facilitate handling a product-temperature of 60 °C is advisable. If not the complete content of a barrel is worked up, the product will be homogenized before usage.

Storage tanks must be heatable and also equipped to homogenize the product.

Shelf life

Under appropriate conditions the shelf life of ABIETA™ DRS 314 is at least one year. Thereafter, reapproving of the material by Arizona Chemical is recommended.



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