



ABIETA™DRS 835

Produced in Gersthofen, Germany

Raw materials

For the production of Abieta™ DRS 835 dehydrogenated/partially hydrogenated Rosin is used. The neutralisation is carried out with Sodium hydroxide solution.

Product properties

Abieta™ DRS 835 is produced as watery paste, which may separate during a longer period of storage. Abieta™ DRS 835 can be applied in aqueous systems and is soluble in the most organic solvents.

Standard Delivery Specification (This version of the specification is valid today: November 12th, 2008)

<u>characteristic</u>	<u>unit</u>	<u>value</u>	<u>method</u>
Acid number	mg KOH/g	10 – 12	ASTM D 803
Solids content	% (w/w)	69 – 71	ASTM D 890
Acid number of resin component	mg KOH/g	150 – 170	Arizona Chemical method
Colour	US-Rosin Grade	min. WW	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. 37	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 835 can be used as emulsifiers in the emulsion polymerization of styrene-butadiene rubber, nitrile rubber, polychloroprene and acrylonitrile-butadiene-styrene plastics.

Abieta™ DRS 835 is also suitable for the manufacture of pigments and in the adhesive industry to improve properties of adhesives on basis of casein or polymer emulsions.

Dispatch and Storage

The product can be delivered in heatable rail tanks or in 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 should be heatable and also equipped to homogenize the product.

Shelf life

Under appropriate conditions the shelf life of Abieta™ DRS 835 is at least one year. Thereafter, reapproving of the material by Arizona Chemical is recommended.



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