

Technical data sheet

ALBOTHIX 82-32

Characteristic:

Albothix 82-32 is at room temperature a white wax-like powder. It consists of fine-milled hydrogenated Castor oil (HCO).

Specification:

Acid value	mg KOH/g	max. 2	According to:
Gardner colour value		max. 2	ASTM D 1980
Hydroxyl value	mg KOH/g	min. 155	ASTM D 1544
			ASTM D 1957

Further typical data*:

Iodine value acc. to Wijs	g Iod/100g	max. 2.5	According to:
Melting point	°C	min. 85	ASTM D 1959
Particulate passage by 32 µm	%	min. 99	ASTM D 5440
Particulate passage through 44 µm	%	100	

Applications:

Albothix 82-32 a thixotropic thickening agent for solvent based coating formulations and for polyol systems. It is especially suitable for low and medium polar systems (aliphatic solvents).

Properties:

Albothix 82-32 acts as a strong thixotropic agent in solvent-based coating systems and polyols. Thereby the sagging of the liquid coating at perpendicular surfaces is avoided. Furthermore, the sedimentation of fillers and pigments is reduced.

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Dosage and Incorporation:

The addition level depends on the desired effect and usually is in the range of 0.2 to 1.5% of Albothix 82-32. A good incorporation is achieved by means of a dissolver with high shear power. It is important to work within a temperature range from about 30 °C to max. 50-55 °C. Besides the direct addition, a preformulated paste can be prepared consisting of up to 20% of Albothix 82-32 in solvent which shortens the necessary gelling and incorporation time.

Storage:

When stored in tightly sealed packaging, protected from light and at temperatures from + 10 °C to + 30 °C, the specification parameters remain stable for at least 12 months from the production date.

Safety:

For further information on product safety please refer to the current safety data sheet.

Notice:

* General information - the values can not be considered as part of the product specification.