

SYNATIVE ES EHK

Composition

2-Ethylhexyl Cocoate

Technical Data

Item	Value	Method / Remarks
Appearance:	Slightly yellow liquid	
Acid Value:	max. 0,3	DIN EN ISO 3682
Hydroxyl Value:	max. 0,6	DGF C-V 17a
Saponification Value:	174 - 184	ISO 3657
Density: 20 °C	0,855 - 0,865 g/cm ³	DIN 51757 DIN ISO 3675
Viscosity: 20°C	6,5 - 8,0 mPas	DGF C-IV 7
Brechungsindex/ refractive Index: 20 °C	1,4400 - 1,4435	DIN 51423 B2

Quality Control Data

(These data are used for quality release and are certified for each batch.)

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Acid Value:	max. 0,3	DIN EN ISO 3682
Saponification Value:	174 - 184	ISO 3657
Density: 20 °C	0,855 - 0,865 g/cm ³	DIN 51757 DIN ISO 3675
Viscosity: 20°C	6,5 - 8,0 mPas	DGF C-IV 7

Additional Specifications

(Guaranteed specification values which are not determined on a regular basis.)

Item	Value	Method / Remark
Hydroxyl Value:	max. 0,6	DGF C-V 17a
Brechungsindex/ refractive Index: 20 °C	1,4400 - 1,4435	DIN 51423 B2

Properties & Use

Low viscous lubricant basestock, e. g. for metal working fluids and mould release oils

Additional Technical Data

Cloud point (DIN EN 23015)	max. -20	°C
Pour point (DIN ISO 3016)	max. -30	°C
Kinematic viscosity (DIN 51562 part 1)		
at 20 °C	8,8	mm ² /s
at 40°C	5,0 - 6,0	mm ² /s
at 100°C	1,8	mm ² /s
Flash point (DIN ISO 2592)	min. 170	°C
Iodine value (DGF C-V 11b)	max. 5	
Density (20 °C) (DIN 51757)	0,859 - 0,860	g/cm ³
Thermogravimetric Analysis (Cognis-Method TA-TGA-SOP 6) (Loss in mass-% when continuously increasing the temperature at a rate of 20 °C/min)		
200°C	11	%
250°C	68	%
300°C	100	%

Revision-No.

1.1-10.2003 Effective October 10, 2003

The product can be stored for at least 2 years at ambient storage conditions and temperature without any deterioration.

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