Sales Specification

OXSOFT 3G8

Triethylenglycol-di-(2-ethylhexanoate)

General data

CAS-No.	94-28-0	Version	1
Date of issue	15.05.2020		
Product No.	51005083 51005234		
	Additional product number(s) may be in use for other packaging		

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Property		Limit	Unit	Test Method
Appearance			Clear liquid	Visual examination
Triethylenglycol-bis-2-ethyl-hexanoate	min.	97	% (a/a)	DIN 51405 (GC)
Triethylenglycol-mono-2-ethyl-hexanoate (Mono Ester)	max.	1.5	% (a/a)	DIN 51405 (GC)
Diethylenglycol-bis-2-ethyl-hexanoate	max.	0.5	% (a/a)	DIN 51405 (GC)
Acid value	max.	0.10	mg KOH/g	DIN EN ISO 2114 / ASTM D1613
Peroxide value	max.	1.5	meq. O/kg	RCH-AL 079
Ester value	263 – 279		mg KOH/g	DIN EN ISO 3681
Hydroxyl value	max.	5.0	mg KOH/g	DIN 53240
Water	max.	0.07	% (w/w)	DIN 51777 / ASTM D1364 (mod. Karl-Fischer-Method)
BHT Stabilizer	min.	50	mg/kg	DIN 51405 (GC), qual.
Platinum/Cobalt Color (Hazen/APHA Color)	max.	30		DIN EN 1557 / DIN EN ISO 6271 / ASTM D1209
Density at 20°C	0.962 – 0.972		g/cm ^{3}	DIN 51757 Verf. D / ASTM D4052
Refractive Index n_D at 25 °C	1.441 – 1.447			DIN 51423-2 / ASTM D1747

Remarks -

The parameters given in the Sales Specification table are listed on the Product Quality Report (PQR).
Non-standard Test methods used are available upon request (due to Copy Right). Contact your Sales Support for copies.

Typical properties not especially listed are given in the appropriate SDS, they are not part of the sales specification.

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