

Technical Data Sheet

Lucophalt®500

Customer Product designation **Lucophalt®500**

Typical Product Data¹

Test	Standard	Unit	Typical
Kin. Viskosity 40°C	DIN EN ISO 3104	mm ² /s	410
Kin. Viskosity 100°C	DIN EN ISO 3104	mm ² /s	19,60
Density 15°C	DIN 51757 Verf. 3	kg/m ³	942,4
Density 70°C	DIN 51757 Verf. 3	Kg/m ³ -	915,3
Refractive Index 20°C	DIN 51423-02	-	1,528
V. G. C.	DIN 51378	-	0,887
Index of refraction	DIN 51378	-	1,0545
Carbon Structure, X(A)-U	DIN 51378	Mass.-%	25
Carbon Structure, X(A)-K	DIN 51378	Mass.-%	23
Carbon Structure, X(N)-U	DIN 51378	Mass.-%	31
Carbon Structure, X(N)-K	DIN 51378	Mass.-%	28
Carbon Structure, X(P)-U	DIN 51378	Mass.-%	44
Carbon Structure, X(P)-K	DIN 51378	Mass.-%	49
Aniline Point	DIN ISO 2977	°C	69,0
Sulphur	DIN EN ISO 14596	Mass.-%	0,9
Colour	DIN ISO 2049	-	8,0
Pour Point	DIN ISO 3016	°C	24
Pour Point	ASTM D 5985	°C	24
Flash Point COC	DIN EN ISO 2592	°C	271
Flash Point PM	DIN EN ISO 2719	°C	240
Ash content	DIN EN ISO 6245	Mass.-%	< 0,01
Neutralization number	DIN ISO 6618	mg KOH/g	0,53
Content of water	ASTM D 6304-C	Mass.-%	< 0,2
Content of water	ASTM E 1356	Mass.-%	< 0,2
Glass transition temperature	ASTM E 1356	°C	--46
Polycyclic aromatic hydrocarbons	IP 345	Mass.-%	2,6
Content of Furfurol	House method GC	mg/kg	10
Content of aromatic substances	ASTM D 2007	Mass.-%	61,7
Saturated Compounds	ASTM D 2007	Mass.-%	30,8
Polar Compounds	ASTM D 2007	Mass.-%	7,5
Benzo[a]pyrene	DIN EN 16143 (based on)	mg/kg	< 1
RL 2005/69/EG - total	DIN EN 16143 (based on)	mg/kg	3

¹ The above mentioned data are only an indication and do not represent any guarantee. Any deviations of the data are no reasons for claim.

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