

Technical Data Sheet

Lucophalt®5138

Trade name: Lucophalt®5138

Typical product data

Test	Standard	Unit	Typical value
Kin. viskosity 40°C	DIN EN ISO 3104	mm ² /s	3000
Kin. viskosity 100 °C	DIN EN ISO 3104	mm ² /s	60,00
Density 15 °C	DIN 51757 Verf. 3	kg/m ³	972,0
Refractive Index20 °C	DIN 51423-02	-	1,5420
VGC – viscosity gravity constant	DIN 51378	-	0,901
KW-distribution, X(A)-U	DIN 51378	Mass.-%	31
KW-distribution, X(A)-K	DIN 51378	Mass.-%	25
KW-distribution, X(N)-U	DIN 51378	Mass.-%	28
KW-distribution, X(N)-K	DIN 51378	Mass.-%	17
KW-distribution, X(P)-U	DIN 51378	Mass.-%	41
KW-distribution, X(P)-K	DIN 51378	Mass.-%	58
Aniline point	DIN ISO 2977	°C	66,0
Sulphur content	DIN EN ISO 14596	Mass.-%	4,0
Colour	DIN ISO 2049	-	< 8,0
Pour Point	DIN ISO 3016	°C	15
Pour Point	ASTM D 5985	°C	18
Flash point COC	DIN EN ISO 2592	°C	300
Flash point PM	DIN EN ISO 2719	°C	> 220
Evaporation loss	DIN 51581-01 (250 °C)	0,4	0,4
Neutralisation number	DIN ISO 6618	mg KOH/g	<0,30
Glass transition temperature	ASTM E 1356	°C	-34
Colour		HUR-SOP-IMS-30	grün-braun
Content of aromatic substances	ASTM D 2007	Mass.-%	74,0
Asphaltene	ASTM D 2007	Mass.-%	< 0,1
Saturated compound	ASTM D 2007	Mass.-%	14,0
Polar compounds	ASTM D 2007	Mass.-%	12,0
Initial boiling point	DIN EN 15199	°C	220
Boiling curfe 90 Mass.-%	DIN EN 15199	°C	611
Final boiling point	DIN EN 15199	°C	672
Benzo[a]pyrene	DIN EN 16143 (based on)	mg/kg	< 1
RL 2005/69/EG - total	DIN EN 16143 (based on)	mg/kg	< 10

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