

## Produktstandard Palmöl-Vollraffinat

Property	Unity	Quantity	Remark
LHV	MJ/kg	37 to 39	Literature
Kinematic viscosity, 38, 40 °C	mm <sup>2</sup> /s	40, 41	Literature
Kinematic viscosity, 50 °C	mm <sup>2</sup> /s	31	Literature
Kinematic viscosity, 50 °C	mm <sup>2</sup> /s	28	Analysis
Kinematic viscosity, 80 °C	mm <sup>2</sup> /s	12 to 13	Analysis
Melting point	°C	36.5 to 37.4	IOI
Cloud point	°C	31	Literature
Pour point	°C	18	Literature
Pour point	°C	24	Analysis SGS
Flash point	°C	267, > 300	Literature
Cetane number		42, 50	Literature
Water content	wt. %	0.007 to 0.040	IOI
Water content	wt. %	0.1	Literature
Filterable dirt*	mg/kg	20	Analysis SGS
Carbon residue	wt. %	0.15 to 0.22	Literature
Carbon residue	wt. %	0.20	Analysis SGS
Existent gum	mg per 100 ml		Analysis
Density, 15 °C	kg/l	0.916 to 0.918	Literature
Acid number / free fatty acid	g KOH per kg	0.60 to 0.77	IOI
Acid number / free fatty acid	g KOH per kg	0.12	Literature
Iodine number	g per 100 g	52.2 to 52.6	IOI
C	wt. %	74 to 77	Literature
H	wt. %	12 to 14	Literature
P	mg per kg	< 5	Analysis SGS
S	mg per kg	< 5	Analysis SGS
O	wt. %	10 to 12	Literature
N	wt. %	< 0.1	Literature
Heavy metals, each	mg/kg	< 0.5	Literature
Magnesium	mg/kg	0.7	Analysis SGS