

TECHNICAL SPECIFICATIONS

CRUDE DEGUMMED RAPESEED OIL

DIN 51605-12

SPECIFICATIONS PARAMETER	METHOD	SPECIFICATION E DIN 51 605	UNIT
Density (at 15 °C)	DIN EN ISO 3675 DIN EN ISO 12185	900 - 930	g/m ³
Flash Point by P.-M	DIN EN ISO 22719	Min. 220	°C
Kinematic Viscosity (40 °C)	DIN EN ISO 3104	Max. 36,0	mm ² /s
Calorific Value, Lower	DIN 51 900-2/3	Min. 36000	k3/kg
Cetane Number (DCN)	IP 498	Min. 39	-
Carbon Residue	DIN EN ISO 10370	Max. 0,40	%(m/m)
Iodine Value	DIN 53241-1 DIN EN ISO I4111	94 - 125 94 - 125	g/100g g Jod/100g
Sulphur Content	ASTM D5453-93 DIN EN ISO 20884	Max. 10 Max. 10	mg/kg mg/kg
Total Contamination	DIN EN 12662	Max. 24	mg/kg
Acid Value	DIN EN ISO 660 DIN EN 14104	Max. 2,0 Max. 2,0	mg KOH/g mg KOH/g
Oxidation Stability 110 °C	ISO 6886 DIN EN 14112	Min. 6,0 Min. 6,0	H h
Phosphorus Content	ASTM D3231-99 DIN EN 14107	Max. 3 Max. 3	mg/kg mg/kg
Earth Alkali Content (Ca + Mg)	E DIN EN 14538	Max. 20	mg/kg
Ash Content	DIN EN ISO 6245	Max. 0,01	Mass-%
Water Content	DIN EN ISO 12937	Max. 0,05	Mass-%
Ester Content	HPLC	-	%(m/m)
Erucic Acid	C22:1	Max. USP 2,0	Mass-%
Free fatty acid (as oleic)	USP24	Max. 1,0	Mass-%