

MAN Diesel Biofuel Specification



Density/15 °C	900 – 930 kg/m ³	DIN EN ISO 3675, EN ISO 12185
Flash point	> 60 °C	DIN EN 22719
Lower Calorific Value	> 35 MJ/kg (typical: 37 MJ/kg*)	DIN 51900-3
Viscosity/50 °C	< 40 cSt (corresponds to viscosity/40 °C < 60 cSt)	DIN EN ISO 3104
Cetane number	> 40	FIA
Coke residue	< 0,4 %	DIN EN ISO 10370
Sediment content	< 200 ppm	DIN EN 12662
Oxidation stability (110 °C)	> 5 h	ISO 6886
Phosphorus content	< 15 ppm	ASTM D3231
Na + K content	< 15 ppm	DIN 51797-3
Ash content	< 0,01 %	DIN EN ISO 6245
Iodine Number	< 125g/100g	DIN EN 14111
Water content	< 0,5 %	EN ISO 12537
TAN (total acid number)	< 4 mgKOH/g (TAN 2 mgKOH/g ~ 1 % FFA)	DIN EN ISO 660
Cold Filter Plugging Point	< 10 °C below lowest temperature in fuel system	EN 116