

Parameters	Specification	Units	Results	Method min	max
Flash point	120		degC	125	Iso/Cd 3679
Saponification	150	190	mgKOH/gm	175	Pr EN 14103
density@15 deg C	820	880	Kg/m3	841	En/Iso3675,12185
Sulphated ash		10	Mg/kg	6	Iso 3987
Carbon residue	0.08	0.25	% wt		En/Iso 10370
viscosity@40 degC	2.6	4.4	Mm2/s	4.2	En/Iso 3104
Sulphur contents		3	Mg/kg	2	Pr En 20884
Water content		3	%wt	1.8	En/Iso12937
Acid value		3	mgKOH/g	2.6	Pr En14104
Iodine value	100	130	gr Iodine/100g	105	Pr En14111
Methyl ester		0.5	% wt	0.14	Pr En 14103
Methanol content	0.05	0.15	% wt		Pr En 14110
Sediment	0.3	0.5	% wt	0.25	
Monoglyceride	0.2	0.3	% wt	0.27	Pr En 14105
Phosphorus content		0.007	Mg/kg	0.005	Pr En 14107
Polyunsaturated ME		0.06	% wt	0.03	
Diglyceride content		0.05	% wt	0.032	Pr En 14105
Triglyceride		0.06	% wt	0.02	Pr En 14108
Alkaline metals Na+K	0.18	0.25	mg/kg	0.20	Pr En 14108,09
Total contamination	0.1	0.5	mg/kg	0.16	En 12662
Cetane Number			--	58	
Pour point		—20	degC	—20	En 6886



Soya Methyl Esters

Product code: SME
Product source: China

Cloud Point		DegC	—8	
Oxidation Stability	5	Hour	8	
CFPP(minus)		DegC	2	Din En 116
Cu.corrosion 3hrs@50degC	2#	3hrs@50degC	1#	En/Iso2160
Copper corrosion (3hs 50 DegC)		Degree of Corrosion	1#	
