



Kerosene

BS 2869:2010

Characteristics of kerosene-type burner fuels

Property	Class C2	Test method
Appearance	Visual check	
Density at 15 °C (kg/m ³) :		BS EN ISO 3675 or BS EN ISO 12185
Min.	750.0	
Max.	840.0	
Gross Specific Energy (MJ/KG) (min.) ^{A)}	42.80	BS 2000-12 BS ISO 15911 ASTM D3338 ASTM D4809
Kinematic viscosity at 40 °C (mm ² /s):	—	—
Min.	1.00	BS EN ISO 3104
Max.	2.00	
Distillation:	—	—
recovery at 200 °C [% (V/V)]	—	—
Min.	15.0	BS EN ISO 3405
Max.	—	
Final boiling point (°C) (max.)	300	BS EN ISO 3405
Flash point (°C) (min.)	38.0	BS EN ISO 13736
Sulfur content [% (m/m)] (max.)	—	BS EN ISO 20846
	0.10	BS EN ISO 8754
Copper corrosion (2 h at 100 °C) (class)	1	BS EN ISO 2160
Smoke point (mm) (min.)	19	BS 2000-57
Char value (mg/kg) (max.)	20	BS 2000-10

^{A)} Specific energy by one of the calculation methods listed is acceptable. Where a measurement of specific energy is deemed necessary, the method to be used shall be agreed between purchaser and supplier.

