



Kerosene BS2869: 2017 Class C2

Property	Units	Limits		Test Method (Notes)
		Min	Max	
Appearance		Clear, bright. free from solid matter Visual check and undissolved water		Visual (Note 2)
Density @ 15°C	kg/m ³	775.0	840.0	BS EN ISO 3675 / BS EN ISO 12185
Specific Energy (or Net Heat of Combustion) *1.	MJ/Kg	42.80	-	BS 2000-12 / BS ISO 15911 / ASTM D3338 / ASTM D4809
Smoke Point	mm	18.0	-	IP 598
Flash Point	°C	43.0	38.0	BS EN ISO 13736 / BS EN ISO 3679 / ASTM D56 / ASTM D3828
Char Value (or Burning Test)	mg/kg	-	20.0	BS 2000-10
Kinematic Viscosity at 40°C	mm ² /s	1.0	2.0	BS EN ISO 3104
Sulphur	% (m/m)	-	0.10	BS EN ISO 20846 / BS EN ISO 8754
Copper Corrosion	2Hr @ 100°C	Class 1		BS EN ISO 2160
Distillation C				
	% Vol Rec @ 200°C	-	15.0	BS EN ISO 3405
	% Vol Rec @ 210°C	-	90.0	Note 2
	% Vol Rec @ 240°C	50.0	-	Note 2
Final Boiling Point	°C	-	300.0	BS EN ISO 3405

Notes

1) 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.

A) Latest test methods or technical equivalent to be used.

B) UK origin kerosene must be marked, with an HMRC statutory markers. When marked, coumarin content should be 2.0 min - 3.0 max.

2) HMRC&E import requirement.

Version: BS 2869 2017

Last updated: 29 November 2021

Latest BSI Spec requirements 2017