

KERO BS EN 2869

PROPERTY	UNITS	LIMITS	TEST METHOD (NOTES)
Appearance		Clear, bright, free from solid matter and undissolved water	Visual Check (Note 2)
Density @ 15 °C	kg/m ³		BS EN ISO 3675 or
Min.		750.0	BS EN ISO 12185
Max.		840.0	
Gross Specific Energy (or Net Heat of Combustion) ^A	MJ/kg	42.8	BS 200-12 / BS ISO 15911 / ASTM D3338 / D44809
Smoke Point	mm	19	BS 2000-57
Flash Point (min) (min).	°C	38.0	BS EN ISO 13736
Char Value (or Burning Test)	mg/kg	20.0	BS 2000-10
Kinematic Viscosity at 40°C	mm ² /s		
Min.		1.0	BS EN ISO 3104
Max.		2.0	
Suplhur (max).	% (m/m)	0.10	BS EN ISO 20846 / BS EN ISO 8754
Copper Corrosion	2Hr @ 100°C	1	BS EN ISO 2160
Distilation Recovery	°C		
% Vol Rec @ 200°C		15.0	BS EN ISO 3405
% Vol Rec @ 210°C		90	Note 2
% Vol Rec @ 240°C		50	Note 2
Final Boiling Point	°C	300	BS EN ISO 3405
Notes			
A. Sepcific 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.			
B. UK origin kerosene must be marked, with an HMRC statutory markers. When marked, coumarin content should be 2.0 min - 3.0 max			
1. Latests test methods or technical equivalent to be used			
2. HMRC&E import requirement			