

Kerosene – Premium – Class C1 BS2869

Description

Kerosene Premium BS 2869 Class C1 is a high smoke point, clean burning kerosene with exceptionally low sulphur content. It is ideal for use in horticultural applications for production of heat and carbon dioxide free from acidic combustion gases. It is also ideal for use in space heaters/jet blowers, wick fed lamps and also as barbecue lighter fuel.

Specification

Parameter	Unit	Minimum	Maximum	Typical
Appearance	-	Clear & bright, Pale yellow, Free from visible sediment.		Pass
Density at 15°C	kg/m ³		0.820	0.775
Kinematic viscosity at 40°C	mm ² /s	-	2.0	1.1
Distillation recovery at 200°C	% (v/v)	15 50	60 -	
at 240°C	% (v/v)	-	280	
Final boiling point	°C	43	-	
Flash point (PMCC)	°C	- -	200	<100
Water content	mg/kg	-	0.04	<0.04
Sulphur	% (m/m)	34	1	1
Copper corrosion (2 hrs at 100°C)	Class	- -	-	
Smoke point		-	10	3
Char value(1)	mm		-	46,500
Gross calorific value(2)	mg/kg		-	43,000
Net calorific value(2)	J/g			
	J/g			

Parameter	Unit	Minimum	Maximum	Typical
Hydrocarbon types				
Aromatics	% (v/v)	-	-	nil
Olefins	% (v/v)	-	-	>50
Benzenes	% (v/v)	-	-	<0.1
		-		
Doctor test	-		Negative	Negative

Notes:

1. Burning test 24 hour wick char.
2. To convert J/g to kWh/ltr multiply by 2.1472×10^{-4}

The above are typical figures and we reserve the right to alter the specification without notice. Nothing on this specification constitutes a guarantee

Please note we can dye this product most common colours requested are blue or pink.

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