

SPECIFICATION FOR KEROSENE

Kerosene meets BS 2869 : Part 2 : 1998 Classification C2

Fuel Parameters	British Standard	Typicals
Specification Parameters		Max
Kinematic Viscosity (cSt at 40°C)	1.0 min\ 2.00 max	2.0
Density at 15°C 9 (kg / litre)	0.820	0.804
Flash Point (°C) Closed Abel	38	43
Sulphur (% mass)	0.2	0.04
Water (% volume)	-	negligible
Smoke Point (mm)	19	21
Char value (mg / kg)	15	8
Additional Data:	TYPICAL VALUES and NOT part of the specification	
Gross Specific Energy (MJ / kg)	46.2	
(MJ / litre)	37.1	
Mean Specific Heat Capacity over range 0-100°C (kJ / kg°C)	2.09	
Volume Correction Factor (per °C)	0.00090	

Recommendations for the Storage of Kerosene

Many of the problems which may arise during the storage of kerosene can easily be prevented by good housekeeping which should include:

- regular draining of tanks to remove water, so helping to prevent the possibility of microbiological contamination.
- periodic inspection of tanks for evidence of corrosion.
- periodic internal cleaning of tanks to remove any accumulated sludge.
- avoidance of translucent plastic tanks for storage purposes.