

| Product Specification Sheet - Kerosene | | | | |
|--|--|---------|---------|---|
| 1. Product Details | | | | |
| Product | Kerosene | | | |
| Applicable Standards: | BS EN 2869:2017 Class C2 | | | |
| Use: | Fuel for vaporizing or atomizing burners in appliances connected to flues | | | |
| Notes: | 1. Visual appearance should be bright, free from solid matter and undissolved water. 2. 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 is to be agreed between purchaser and supplier. 3. For the flash point, subject to a minimum of 40°C being obtained using ASTM D56 (Tag Method), the result can be accepted. | | | |
| 2. Specification | | | | |
| Property | Unit | Limits | | Test method |
| | | Minimum | Maximum | |
| Density at 15°C | kg/m ³ | 775.0 | 845.0 | BS EN ISO 3675 or BS EN ISO 12185 |
| Net specific energy | kJ/kg | - | 42.80 | BS 2000-12 BS ISO 15911 ASTM D3338 ASTM D4809 |
| Kinematic viscosity at 40°C | mm ² /s | 1.0 | 2.0 | BS EN ISO 3104 |
| Distillation recovery at 200°C | % v/v | 15.0 | - | BS EN ISO 3405 |
| Final boiling point | °C | - | 300 | BS EN ISO 3405 |
| Flash point | °C | 38 | - | BS EN ISO 13736 BS EN ISO 3679 ASTM D56 ASTM D3828 |
| Sulfur content | % (m/m) | 0 | 0.10 | BS EN ISO 8754 |
| Copper corrosion (2h at 100°C) | Rating | Class 1 | | EN ISO 2160 |
| Smoke point | mm | 18.0 | - | IP 598 |
| Char value | % (m/m) | - | 20 | BS 2000-10 |