Active components

Parameter	Method	Range
Dye strength Compared to standard	John Hogg proprietary	95 – 105 %

Physical parameters

Parameter	Method	Range
Density at 15 °C	ASTM D7042 modified	0.96 – 1.01 kg/L
Viscosity at 20 °C	ASTM D7042 modified	< 50 cP
Flash point	IP 34/ ASTM D93	> 61 °C
Water content	Karl Fisher	≤ 0.2 %m/m
Insoluble content	Derived from IP 216 / ASTM D2276	≤ 0.2 %m/m
Initial Boiling Point	-	> 180 °C

Typical use and application

This product is designed to produce coloured smoke for display purposes. The product is miscible with mineral oils, aliphatic and aromatic hydrocarbon solvents and fuels. The product can be readily pumped, poured or metered directly from the container.

Due to the presence of aromatic solvent in this product, contact with natural rubber must be avoided. For seals and joints the use of PTFE, Viton or similar synthetic products are recommended.

Health & safety

Dyeguard® AeroSmoke Black has been specifically formulated to provide excellent solubility in functional fluids and be safer to handle without compromising on performance. These minimal handling hazards make Dyeguard® AeroSmoke Black ideal for applications with high loading and user exposure.

Further Health and Safety information can be found on the Safety Data Sheet (SDS) including hazard classification, handling, storage etc. Please review the SDS before using this product.

John Hogg Technical Solutions
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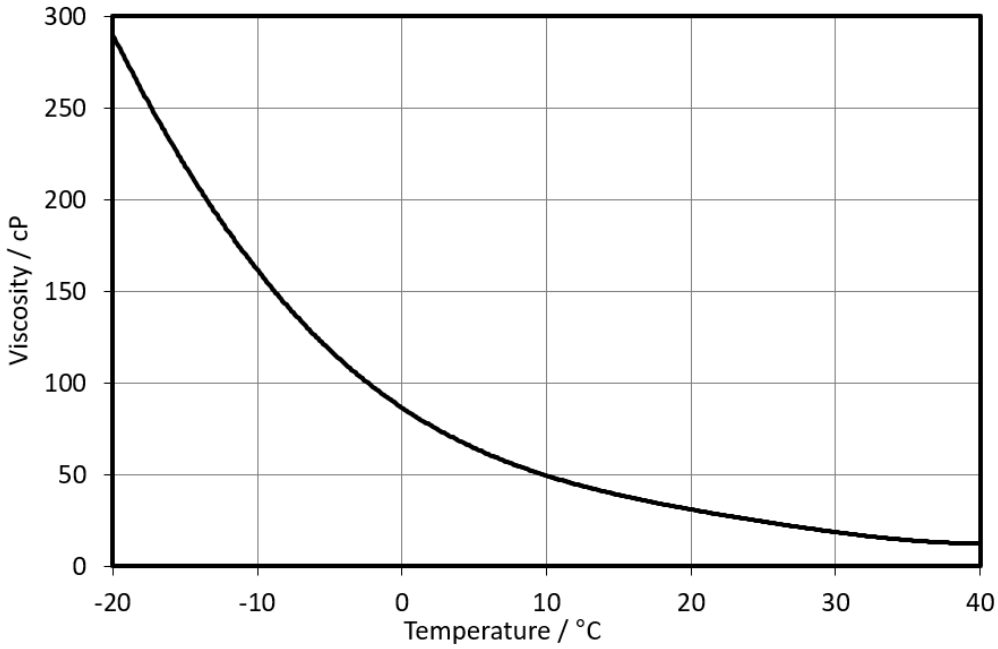
Registered in England No 147014 VAT Registration No GB 323 2834 24

Appearance

Dyeguard® AeroSmoke Black is a free-flowing dark black/blue liquid with a distinct aromatic odour. It is not miscible with water.

Typical viscosity curve



Shelf life and storage condition

This product is stable for a minimum period of 1 years from the date of manufacture, when stored and handled between 5 °C and 40 °C.

The product should always be stored away from excessive heat sources, direct sunlight and ignition sources. Storage and handling of this product outside the above stated conditions may compromise the product quality.

If product containers are kept sealed, dry, and extreme temperatures are avoided the shelf life of the material is greater than 1 years. The container should be tightly closed when not in use to prevent solvent evaporation.

DISCLAIMER
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