

Mabanol Erodierfluid EDM 5

Dielectric for roughing

Application

Mabanol Erodierfluid EDM 5 is a mineral oil based dielectric especially for sink- EDM of alloyed and unalloyed steels, aluminum and non-ferrous metals with good contour sharpness.

Properties

Mabanol Erodierfluid EDM 5 is extremely low in aromatics, offers constant insulation until breakdown voltage is reached and has the right balance of viscosity, volatility, heat transfer properties, low odor and low toxicity. Thanks to the formulation, the dielectric offers excellent cooling and rinsing power, a low tendency to evaporation as well as a very high surface quality and low electrode wear. Other quality features are very good aging and oxidation stability and low discharge. In addition, the product enables work processes with high stock removal.

Remarks

Minor variations in colour and appearance could occur depending on the selected raw materials but have no impact on the functionality of the fluid.

All information on safe and proper handling can be found on the MSDS.

Data

	Unit	Value
Density at 15°C	g/cm ³	0,819
Kin. Viscosity at 40 °C	mm ² /s	3,6
Flash point COC	°C	103
Copper corrosion (3 h/100°C)		1a (slight tarnish)
Aromatics content	%	< 0,01

Shelf life / storage conditions

Stable for 24 months when stored at a temperature of 5 °C to 40 °C in unopened containers

The above values may vary within the commercial limits.
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