

Product Information

IonoPlus 3000 - ET

Fully synthetic universal-high-performance dielectric with satellite electrodes.

Unlike conventional mineral oil products, the combination of highly refined synthetic products is enriched with satellite electrodes in a special blending process.

The advantages of this process:

- **Improvement of the wear performance** by shortening of the time needed to build up the ionization bridge.
- **Greater resistance to electrode wear.** Macromolecules surround the electrode like a protective grid.
- **Improved surface quality.** Satellite electrodes bring about an optimal distribution of discharges, so there are shining results in the polishing process. Within a minimum amount of time a surface roughness of less than 0,1 µ can be achieved.
- **Best possible dispersing capacity.** Swift dispersion of waste particles helps actively to prevent burn spots from forming.

IonoPlus IME-ET is suited as a special low viscous dielectric especially for all kind of fine operations with small spark gaps. Even for the finest finishing processes it enables the best possible effectiveness in flushing and the greatest possible disruptive strength. Due to its very low aromatic content of 0,002 wt% this product meets or exceeds the latest workplace safety regulations, even when heating the product. Toxic or allergic reactions on the human skin or on the eyes have not been observed.

IonoPlus IME-ET can be filtered with paper-band filters and precoated filter systems. Due to its low viscosity it is also very well suitable for the use in EDM wire cutting machines with small spark gaps.

Technical data

			DIN
Density at 59°F / 15°C	6,42 lb / Gal	0,77 g/cm ³	51757
Viscosity at 68°F / 20°C	1,8 cSt.	1,8 mm ² /s	51562
Flash point °F / °C	145,4°F	63 °C	ISO 2592
HIMS / danger class	H=0; F=2;R=0	(A III)	

03/2010