

# Erodierflüssigkeiten

## Dielectric fluids (EDM)



| Produktname<br>product name | Kenndaten<br>characteristics                             |                                                          |                                     |                                            |                                     | Material<br>material                  |                        |                                      |                                         | Anwendung<br>application                  |                                                             |                                                       |                                                     | Kennzeichnung<br>Labelling                              |                                                        |                                               |                              | Bemerkung<br>comment                                                          |
|-----------------------------|----------------------------------------------------------|----------------------------------------------------------|-------------------------------------|--------------------------------------------|-------------------------------------|---------------------------------------|------------------------|--------------------------------------|-----------------------------------------|-------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------|-----------------------------------------------|------------------------------|-------------------------------------------------------------------------------|
|                             | Viskosität bei 20°C [mm²/s]<br>viscosity at 20°C [mm²/s] | Viskosität bei 40°C [mm²/s]<br>viscosity at 40°C [mm²/s] | Flammpunkt [°C]<br>flash point [°C] | Aromatengehalt [%]<br>aromatic content [%] | Kupferkorrosion<br>copper corrosion | Buntmetall<br>non-ferrous heavy metal | Aluminium<br>aluminium | unlegierter Stahl<br>unalloyed steel | hochlegierte Stähle<br>high-alloy steel | Drahterodieren<br>dielectric for wire EDM | Startlocherodieren<br>dielectric for EDM fast hole drilling | Senkerodieren schlichten<br>die-sinking EDM finishing | Senkerodieren schrappen<br>die-sinking EDM roughing | Kennzeichnung CLP Verordnung<br>Labeling CLP regulation | Gefahrstoffpiktogramm<br>Hazardous substance pictogram | Wassergefährdungsklasse<br>Water hazard class | Lagerklasse<br>Storage class |                                                                               |
| Mabanol Erodierfluid EDM 2  | 1,5                                                      | ca. 1,1                                                  | 60                                  | -                                          | 1a                                  | ++                                    | ++                     | ++                                   | ++                                      | ++                                        | ++                                                          | ++                                                    | -                                                   | GHS02<br>GHS08                                          |                                                        | 1                                             | 3                            | Superfinishing, geruchslos<br>odorless                                        |
| Mabanol Erodierfluid EDM 3  | 3,8                                                      | 2,4                                                      | 103                                 | <0,01                                      | 1a                                  | ++                                    | ++                     | ++                                   | ++                                      | ++                                        | ++                                                          | ++                                                    | +                                                   | GHS08                                                   |                                                        | 1                                             | 10                           | Allrounder für Schlicht-/Schruppprozesse<br>Allrounder for finishing/roughing |
| Mabanol Erodierfluid EDM 5  | 3,9                                                      | 2,5                                                      | 104                                 | <0,01                                      | 1a                                  | ++                                    | ++                     | ++                                   | ++                                      | +                                         | +                                                           | +                                                     | ++                                                  | GHS08                                                   |                                                        | 1                                             | 10                           | Abtragsintensivste Prozesse<br>Intensive abrasive processes                   |

|    |                                             |
|----|---------------------------------------------|
| ++ | bevorzugt geeignet / preferably recommended |
| +  | geeignet / recommended                      |
| -  | nicht geeignet / not recommended            |

Stand/Issue: 31\_01\_2024