

Date:
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Dewatering fluid

description

ISOTECT WSD 212 is a solvent-based, VOC-containing dewatering fluid. After drying, a thin, slightly waxy protective film remains on the component.

Due to the selection of special additives, the product has excellent dewatering properties and is also ideally suited for geometrically complex components due to its excellent wetting and creep behavior.

ISOTECT WSD 212 is free of organic chlorine compounds and contains neither heavy metals, PCB, PCT nor phenol.

The dewatering fluid is usually applied in an immersion process; spray and brush applications are less common. In the case of spray applications, the relevant legal and safety regulations must be observed. The protective film only forms after the workpiece has dried completely.

In order to use the dewatering properties of the product, we recommend placing mass-produced items in a rotating drum. If components have blind bores or the like, these parts must be rotated in the bathroom to allow the water to drain off.

We recommend covering the bath during a break in work to avoid evaporation or contamination. ISOTECT WSD 212 should be used at room temperature.

Advantages at a glance

- effective water displacement
- reliable corrosion protection
- quick drying

Technical specifications

VOC content (2010/75 / EU) 1	approx. 73%
Layer weight / 20 ° C (gravimetric) 2	approx. 2 g / m ³
Layer thickness / 20 ° C (calculated) 2	approx. 2.5 µm
Alternating climate test (DIN EN ISO 6270/2) 2	> 100 cycles
Salt spray test (DIN EN ISO 9227) 2	> 30 h
Duration of protection for indoor storage ^{2,3}	over 24 months
Duration of protection outside storage / under roof ^{2,4}	up to 4 months

Physical data

Appearance / 20 ° C (visual)	clear, brown liquid
Density / 20 ° C (DIN 51659-2)	about 0.791 g / cm ³
Viscosity / 20 ° C (DIN 51659-2)	approx. 3.2 mm ² / s
Flash point (PMCC) (DIN EN ISO 2719)	> 40 ° C
Pour point (DIN ISO 3016)	<-30 ° C

- 1) Volatile Organic Compound
- 2) tested on SAE 1008/1010
- 3) unpacked, closed room, no air conditioning
- 4) unpacked, under a shower

handling and storage

- The storage temperature should be between 5 - 35 ° C.
- Note the use-by date on the container.