



# Magnetic Particle Testing

## Product information

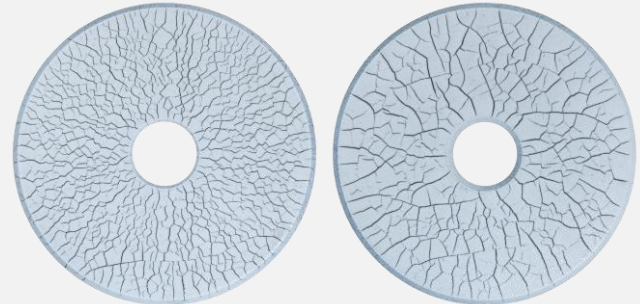
**MR® 76 S Magnetic powder suspension, black – VERSION S**

**MR**<sup>®</sup>  
CHEMIE  
NDT-materials

### PRODUCT DESCRIPTION

- Magnetic particle suspension for coloured Magnetic Particle Testing according to EN ISO 9934-1
- Oil based
- Ready for use, incl. additives
- Clear, precise and quick indications
- Suitable for the main part of weldings
- Low background
- Odourless
- Aerosol can is overhead sprayable – 360°

### PRESENTATION ON REFERENCE BLOCK 1



Front

Back

### PRODUCT CHARACTERISTICS

Form:	suspension
Basis:	oil
Colour under daylight:	black
Odour:	odourless
Medium grain size $d_a$ :	4 $\mu\text{m}$
Density (20°C):	0,780 g/cm <sup>3</sup>
Dynamic viscosity (20°C):	2,100 mPa s
Flashpoint (bulk):	75°C
Sediment (1h):	0,40-0,80ml/100ml
SAE sensitivity*:	9

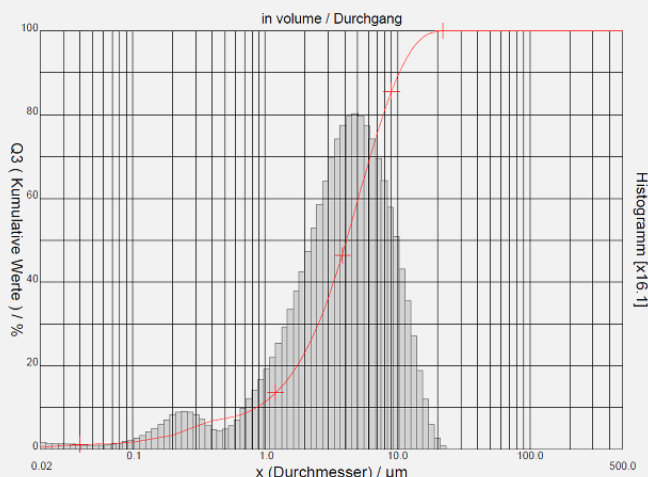
\*performed with AISI 01 Ketos Ring  
(as defined in SAE AS5282), magnetized with 2500A HWDC

### APPROVALS/SPECIFICATIONS

EN ISO 9934-2	✓
AMS 2641 Type 2	✓
ASTM E709	✓
ASME Code V, Art. 7	✓
RCCM	✓
PMUC	✓

Low content of halogens and sulphur according to EN ISO 9934-2 and ASME Code V, Section V, Article 7

### GRAIN SIZE DISTRIBUTION



### MINIMUM SHELF LIFE

- Bulk: 4 years, stored at storage temperature
- Aerosol: 3 years, stored at storage temperature

### TEMPERATURES

- Storage: +5 - +45°C
- Usage: -10 - +65°C

### DELIVERY FORM



(1 box = 12 cans)

### FURTHER INFORMATION

- Process description according to EN ISO 9934-1 available on request or on [www.mr-chemie.de](http://www.mr-chemie.de).
- Shake test media well before use.