

KD-CHECK RDP-1

Red Dye Penetrant

Product Description

- Red oil-based dye penetrant
- Type-tested according to DIN EN ISO 3452-2 and 3452-6
- Sensitivity class (DIN EN ISO 3452-2):
Level 2
- Water and solvent washable
- Suitable for metals and non-metals (suitability for plastics must be checked beforehand)
- Reduced test agent consumption due to low viscosity and optimal dripping properties
- Very good wetting properties, even on very smooth surfaces
- Low background due to very good washability
- High test reliability due to strong contrast formation

Product Specifications

- Application: IIAe; IICe; II Ee
- Flash point (EN ISO 2719): > 81 °C
- Density (DIN 51757, 20 °C): approx. 0.9 g/cm³
- Viscosity (EN ISO 3104, 20 °C): approx. 7 mm²/s
- Application range: -30 °C to +50 °C
- Corrosive components (fluorine, chlorine + sulphur):
< 200 ppm each according to DIN EN ISO 3452-2
- Corrosive components (fluorine, chlorine + sulphur):
each < 1 % according to ASME Code
- 5 years minimum keeping time at room temperature

Approvals and Specifications

- Low sulphur and halogen content according to DIN EN ISO 3452-2 and ASME Code, Section V, Article 6
- Type-tested according to DIN EN ISO 3452-2 and 3452-6
- Approved according to AREVA NP TLV 9017

Your Benefits

- Wetting also of smooth surfaces
- Very good evaluation due to strong contrast
- Very good washability
- Low consumption
- Conforms to TRGS 614



Packaging

- 500 ml aerosol can (order no.: 9901.1)
- 1 l bottle (order no.: 9901.4)
- 5 l canister (order no.: 9901.5)
- 10 l canister (order no.: 9901.2)
- 25 l canister (order no.: 9901.25)
- 200 l barrel (order no.: 9901.3)
- 1000 l IBC (order no.: 9901.6)

Suitable Cleaners

- KD-CHECK PR-1
- KD-CHECK PR-2

Suitable Developers

- KD-CHECK SD-1

KARL DEUTSCH Prüf- und Messgerätebau GmbH + Co KG · Otto-Hausmann-Ring 101 · 42115 Wuppertal · Germany
Phone +49 202 7192 0 · Fax +49 202 7192 123 · info@karldeutsch.de · www.karldeutsch.de

The Technical Data Sheet provides recommendations and possible examples. Obligations or liability cannot be derived therefrom. The information is based on our current knowledge and does not release the user from personal responsibility. The object conditions and product suitability must be checked professionally and appropriately. Take into account the information given in the Safety Data Sheet. We are happy to provide test samples for trials. Issue: 17 December 2024