



Penetrant Testing

Product information

MR[®] 81 T-R Trockenentwickler



MR[®] 81 T-R Dry developer powder

For penetrant testing according to EN ISO 3452-1:2013

General appearance and composition:

- Dry developer powder, white, for fluorescent penetrant testing, form a according to EN 3452-1:2013
- Mixture of surface-active amorphous silicic acids and calcium carbonate (free of crystalline silicic acid)
- Bulk density: 80-100 g/l

Application:

- Remove tinder, rust and other contaminations from surface in a suitable manner. A possible precleaner for removal of oils or fats is e.g. our remover MR[®] 79.
- Apply MR[®] Penetrant fluorescent to the part to be tested either by spraying, brushing, flooding or dipping. Allow to penetrate for at least 5 minutes.
- Remove excess MR[®] Penetrant fluorescent from surface with water.
- Apply MR[®] 81 T-R Dry developer powder to the dry surface (e.g. with an electrostatic spray gun or a powder ball) achieving a thin, uniform layer.
- Under UV-light, surface defects will appear as yellow-green fluorescent indications. Please note: If the developer layer is too thick tiny discontinuities will not appear through the developer.

Further information:

- We recommend to adhere the safety instructions concerning the use of dusts because inhalation of dust may affect the respiratory organs.

Minimum shelf life:

- Will keep for a minimum of 1 year, stored dry and at room temperature

Pack sizes:

- 1 kg (= approx. 10 L), 3 kg (= approx. 30 L)