

MANUFACTURE DATE: 28/08/2019

Inspection Certificate

Abnahmeprüfzeugnis DIN EN 10204 3.1
Certificat De reception
Certificado di collaudo
Keuringsrapport

SUBJECT: Magnaglo WB-12 Water Suspensible Fluorescent Particles

BATCH No: 1908505
B.B.E.: AUG 2022

Specification: EN ISO 9934-2

When tested at the time of manufacture the following results were obtained:

Einzeleigenschaft / Characteristic	Ermittlung nach DIN EN ISO 9934-2 Abschnitt	Anforderungen / Quality requirement	Ergebnis / Batch testing
Eignung Performance	7.1	Anzeigefähigkeit auf Vergleichskörper 1 Ermittlung der Anzeigenlängen auf Vergleichskörper 2 / (072814) Indication on reference block 1 Indication length of reference block 2 (072814)	sehr gut Gesamtlänge der beiden Anzeigen: 8.0 cm very good Total length of indication: 8.0 cm
Farbe/ Colour	7.2	Hell braune Flüssigkeit Light brown liquid	Farbe identisch/ Colour identical
Korngröße/ Particle size	7.3	$d \geq 1,5\mu\text{m}$ und $d \leq 40\mu\text{m}$	Mittlerer Korndurchmesser $11.85\mu\text{m}$ Average diameter $11.850\mu\text{m}$
Fluoreszenzkoeffizient/ Fluorescence coefficient	7.5	$\beta > 1.5\text{ cd/Watt}$	$\beta = 3.8\text{ cd/Watt}$
Fluoreszenz der Trägerflüssigkeit/ Fluorescence of carrier liquid	7.6	Nicht heller als Quinine-Sulfat-Lösung/ Not brighter than quinine sulphate solution	Anforderung erfüllt/ fulfilled.
Schäumverhalten/ Foaming	7.11	Keine signifikante Schaumbildung/ No significant foaming	Anforderungen erfüllt/ Requirement fulfilled
Lagerungsbeständigkeit/ Storage stability	7.13		3 Jahre/ 3 years

We also certify that the above Magnetic Particle Inspection Material meets the requirements of the following.

- A. ASME Boiler and Pressure Vessel Code, 2019 Edition, Section V, Non-destructive Examination.
- B. ASTM E1444/E1444M-16, Paragraphs 5.5.2, 5.5.3 and 5.5.4.
- C. Magnetic powder used in WB-12 meets the requirements of AMS 3044G Para 3.2.1, 3.2.2, 3.2.3, 3.2.4.
- D. Rolls Royce RRP 58004 (CSS 231).
- E. Meets the requirements of SAE AS4792.
- F. ASTM E-709-15, Paragraphs 8.1.2, 8.2, 8.3, 8.5 and 8.5.3

The above information is derived from our quality checks. It does not relieve the purchaser from examining the product upon delivery and gives no assurance of the product for any particular purpose.

Certification is issued under the auspices of the Quality Assurance Manager.



Authorised Employee

For and on behalf of MAGNAFLUX (A DIVISION OF ITW LTD)