

Date: 05/04/2019**Produkt / product:** FLUOFLUX Fluorescent Powder 601.1**Chargennummer / Batch-number:** 1902150**B.B.E** 04/2024

We hereby certify that the above Fluorescent Magnetic Particle Inspection Material meets the requirements of Aerospace Material specification AMS-3044F, Magnetic Particles, Fluorescent, Wet method, Dry powder.

<u>TEST</u>	<u>PARAGRAPH</u>	<u>LIMIT</u>	<u>RESULT</u>
Contamination	3.2.1	No foreign material, scum or agglomeration	Conforms
Colour	3.2.2	Fluorescence : Yellow Green	Conforms
Particle size	3.2.3	Pass 45 μ mesh: 98% Min	Conforms
Sensitivity	3.2.5	7 Hole indications shown	Conforms
Durability	3.2.4	Retain initial sensitivity, colour and brightness	Conforms

We further certify that the above Magnetic Particle Inspection Material meets the requirements of the following specifications:

- A. ASME Boiler and Pressure Vessel Code, Section V, 2004, 2007, 2010, 2013, 2015 & 2017 Edition, Nondestructive Examination, article 7, including 2005, 2006, 2008, 2009b & 2011a Addenda, Paragraphs, T731 and Article 25 as applicable.
- B. ASME Boiler and Pressure Vessel Code, Section V, 1995, 1998 & 2001 Edition, Nondestructive Examination, including 1995 Winter Addenda, 1999, 2000, 2002 & 2003 Addenda, Paragraphs, T-752 T731 (B) and Article 25 as applicable.
- C. ASTM E 709-15, Paragraphs 8.1.2, 8.2, 8.3, 8.5 & 8.5.3
- D. ASTM E-1444/E144M-16, Paragraphs 5.5.2 & 5.5.4
- E. MIL-STD-2132D, 11 February 2003, Paragraph 6.1.3, 6.2.3, 6.2.4, 6.2.5, 6.2.6, 6.2.7
- F. MIL-STD-271F(SH), 27 June 1986, Paragraphs 4.2.7, 4.3.2.1 & 4.3.2.3, including Notice 1, 21 June 1993.
- G. EN ISO 9934-2
- H. KTA 3905, Paragraph B 3.2.2.2 (2)

We further certify that this material does not contain mercury as a basic element and no mercury bearing equipment was used in its manufacture.

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



(Authorised Employee)

MANUFACTURE DATUM / DATE :- 05/04/2019

Inspection Certificate DIN EN 10204 3.1
 Certificat De reception
 Certificado di collaudo
 Keuringsrapport

Produkt / Product : FLUOFLUX Fluorescent powder 601.1

Chargennummer / Batch-number: 1902150

Mindesthaltbarkeit / Best before: 04/2024

Einzeleigenschaft / Characteristic	Anforderungen / Quality requirement	Ergebnis / Batch testing
Farbe unter Tageslicht: braun Fluoreszenzfarbe: Daylight Colour Fluorescent Colour		Braun gelbgrün Brown Yellow Green
Korngröße/ Particle size	$d_1 \bar{O} 1,5\mu m$ und $d_u \bar{O} 40\mu m$	Mittlerer Korndurchmesser $6.4 \mu m$ Average diameter $d_s = 6.4 \mu m$ $d_1 = 5.1 \mu m$ $d_u = 7.7 \mu m$
Fluoreszenzkoeffizient/ Fluorescence coefficient	$\dagger > 1.5 \text{ cd/Watt}$ (EN ISO 9934-2)	$\dagger = > 2.5 \text{ cd/Watt}$
Lagerungsbeständigkeit/ Storage stability		5 Jahre/ 5 years

Vorstehende Angaben sind die Ergebnisse unserer Qualitätsprüfung. Sie entbinden den Käufer nicht von einer Eingangsprüfung und haben nicht die Bedeutung, die Eignung des Produktes für einen konkreten Einsatzzweck zuzusichern.

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)