

General Information

Product SAP Code	50595953	Customer Name	Chemetall Polska Sp. z o.o.
Product Name	207212399 LD9, AERO (400 ml) EASTERN	Customer Address	UL. PRZECLAWSKA 8 PL-03-879 WARSZAWA
Batch Number	C232629593	Customer Order #	
DOM - DOE	04.2023 - 04.2028	Customer Material #	
Order Quantity	0,000	CM Order # / Pos.	/ 000000
		Delivery Note # / Pos.	/ 000000
Document Number	-000000-C232629593	Date of Shipment	19 June 2024

Declaration of compliance with the order 2.1 acc. EN 10204:2004

Specifications

Approvals	Conformances
AREVA TLV 9017 01 2011-01 Penetrants for liquid penetrant examination methods	CEN ISO EN ISO 3452-2 Rev. 2021 Form d & e
JSC NIKIMT-Atomstroy № КД-ХЕ/04-3к	JIS 2343-2 : 2017 Form d & e
Society of Automotive Engineers AMS 2644 Rev. H Form d & e	ASME Boiler & Pressure Vessel Code Rev. 2023 Section V, Article 6
Dassault Aviation DGQT Ressuage coloré	
SLB Inspection method, Liquid Penetrant X-008062 Annex B - Approved penetrant materials	

Inspection certificate 3.1 acc. to EN 10204:2004

Properties	Test Method	Requirement	Result	Unit
Appearance as received	FRC2 / 1 / 1 AIMS 09-08-000	Powder suspension in a liquid	Powder suspension in a liquid	
Color as received	FRC2 / 1 / 1 AIMS 09-08-000 MA UPV 6 10 500	White	White	
Flash point	FRC2 / 131 / 1 ISO 2719 - ASTM D93		4,000	°C
Chloride + Fluoride content	FRC2 / 680 / 1 ASTM E 165 (annexe 4)	to 200	42	ppm
Corrosion on Mg AZ31B	FRC2 / 676 / 1 Partial immersion, 24H, RT, ISO 3452		NO corrosion, pitting or staining.	
Sodium content	FRC2 / 680 / 1 ASTM E 165 (annexe 4)	to 50	23	ppm

Properties	Test Method	Requirement	Result	Unit
Performance	FRC2 / 497 / 1 Performance developer ISO 3452-2	Pass	Pass	
Spray test (qualitative)	FRC2 / 1 / 1 AIMS 09-08-000 MA UPV 6 10 500		Pass	
Sulphur content	FRC2 / 680 / 1 ASTM E 165 (annexe 4)	to 0,0200	0,0069	%
Sulphur content	FRC2 / 680 / 1 ASTM E 165 (annexe 4)	to 200	69	ppm
Density of the Carrier	FRC2 / 5 / 1 DIN 51757	0,777 to 0,797	0,784	g/ml
Re-dispersability	FRC2 / 678 / 1 ISO 3452-2 / Shake 30s	Pass	Pass	
Developer fluorescence	FRC2 / 679 / 1 AMS 26-44 3.3.10.2	Pass	Pass	
Sensitivity	FRC2 / 729 / 1 COMPARISON TO D1 AND D2	Pass	Pass	
Stability of the developer	FRC2 / 731 / 1 AMS 2644 (4.4.4.12)	Pass	Pass	
Spray test (qualitative)	FRC2 / 1 / 1 AIMS 09-08-000 MA UPV 6 10 500		Pass	
Solid Content (%)	FRC2 / 730 / 1 100 g / 97°C / 1H ISO 3452-2	16,9 to 20,7	18,1	%

Additional Information

Manufacturing Location

Chemetall S.A.S. / 280 rue Jean-Baptiste Godin / 02200 Soissons

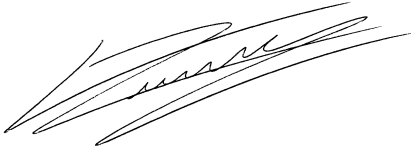
For Ardrex AV aerosol cans only:

Above listed results refer to base material before addition of propellant.

Disclaimer

Certified that the whole of the supplies detailed hereon have been manufactured, inspected and tested and unless otherwise stated above conform in all respects to the relevant specifications according to the release test requirements.

Signature



Vincent Rusinek
Chef de Laboratoire
Villeneuve