

July 22, 2021

CERTIFICATION

We hereby certify that samples of the material identified below by batch number, have been analyzed in accordance with test methods that meet and/or exceed the detection limits for fluoride, chloride, and sulfur per ASME Boiler and Pressure Vessel Code, Section V, Article 6, paragraph T-641, 1998 - 2019 Editions and addenda, with the following results:

	FLUORIDE ASTM E165 <u>ANNEX A4</u>	CHLORIDE ASTM E165 <u>ANNEX A4</u>	SULFUR ASTM E165 <u>ANNEX A4</u>
DUBL-CHEK FGP-20	<0.0001% BW	<0.0001% BW	<0.0001% BW
BATCH NO. 114-GS16			

We further certify that this material meets or exceeds the requirements of AMS2644H, MIL-I-25135, Revision E and ASTM E1417.

Copies of the certification and laboratory reports are on file in our office for your inspection.

SHERWIN INCORPORATED
Q.C. Laboratory

CERTIFICATE OF CONFORMANCE

Date: July 22, 2021

Product: FGP-20

Batch No.: 114-GS16

Type: I Methods: A and C

It is hereby certified that this material has been manufactured in accordance with, and conforms to, AMS 2644G. Results of the required quality conformance tests, as stipulated by paragraph 4.3.2, are listed below.

<u>Test Method Paragraph</u>	<u>Test Description</u>	<u>Results</u>
3.3.3	Flash point i.a.w. ASTM D3828*	>200°F
3.3.4	Viscosity i.a.w. ASTM D445 at 100 ± 1°F	16.12 cSts
3.3.8.3.2	Fluorescent brightness i.a.w. ASTM E1135 (Type I only)	109.2%
3.3.8.5	Water tolerance	Infinite
3.3.8.6	Removability	Conforms
3.3.8.7	Water Content	51.39%
---	Fluoride content i.a.w. ASTM E165, Annex 4	<0.0001%BW
---	Chloride content i.a.w. ASTM E165, Annex 4	<0.0001%BW
---	Sulfur content i.a.w. ASTM E165, Annex 4	<0.0001%BW

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