

TECHNICAL DATA SHEET

Sealer 350 WL8

Organic / Inorganic sealer

Manufacturer	Atotech Deutschland GmbH
Document No.	1411
Version	03
Version date	04. May.2020
Doc.-No.	1411
SAP-No.	1686986
IMDS-No.	976472
Products covered	SEALER 350 WL8 (1687934)

CONTENTS

1 Process Information	1
2 Equipment	1
3 Make-Up for Barrel Parts	2
4 Make-Up for Rack Parts	2
5 Working Parameters	2
6 Maintenance for Barrel	2
7 Maintenance for Rack	2
8 Material No. for Make-Up and Maintenance Products	2
9 Document History	2

1 Process Information

- **Sealer 350 WL8** is a water dilutable, organic/inorganic sealing-system based on silicon with integrated lubricant for friction adjustment and is used for dip/spin of metal work pieces.
- **Sealer 350 WL8** contains no chromates in the dry film and does not produce hydrogen embrittlement into the coated material.
- **Sealer 350 WL8** is an inorganic/organic sealing system which reacts with all our passivations and chromates on top of zinc or zinc alloys.

2 Equipment

Tank	Polyethylene, Polypropylene or PVC
Heater	Heater made of hard glass, hard porcelain or PTFE. Avoid high power > 2 W/cm ²
Filtration	Only use membrane pumps or peristaltic pumps with polypropylene filter tubes. Filter media rated at 10-40 µm

3 Make-Up for Barrel Parts

Make-Up of 100 l	Liter	kg
Deionized water	10 – 55	10 – 55
Sealer 350 WL8	45 – 90	46.8 – 93.6

4 Make-Up for Rack Parts

Make-Up of 100 l	Liter	kg
Deionized water	60 – 80	60 – 80
Sealer 350 WL8	20 – 40	20.8 – 41.6

5 Working Parameters

Spin application parameter for bulk parts	Temperature: 22 °C (20 – 30 °C) Dipping time: 10 – 60 s Spinning time: 10 s (5 – 30 s) Centrifuge speed: 200 – 400 rpm
Drying	15 minutes at 80 °C (part temperature)
pH	9 - 10

6 Maintenance for Barrel

Nominal Values	On Make-Up	During operation
Sealer 350 WL8	450 – 900 ml/l	450 ml/l – 900 ml/l
Solid content	12.7 – 25.3 %	12.7 % – 25.3 %

7 Maintenance for Rack

Nominal Values	On Make-Up	During operation
Sealer 350 WL8	200 ml/l– 400 ml/l	200 ml/l – 400 ml/l
Solid content	5.6 % – 11.3 %	5.6 % – 11.3 %

The addition of 3.5 ml/l **Sealer 350 WL8** increases the solids content by 0.1%.

8 Material No. for Make-Up and Maintenance Products

PRODUCT	MATERIAL NO.
SEALER 350 WL8	1687934

9 Document History

Current revision status	Date	Change against last version:
01	07. Apr.2016	New
02	25. Jan.2017	QDS to Sales
03	05. May.2020	Heater Equipment changed

Literal transcription of the manufacturer's original document (Atotech Deutschland GmbH · Doc. 1411 · v03). Content verified automatically against the original — text, values, formulas and highlighted warnings — on 03.09.2026. Approved on 03.09.2026.

Document reproduced by LABINEX from the technical data sheet of Atotech Deutschland GmbH, document 1411 version 03 dated 04. May.2020, preserving the original text. The technical content belongs to the manufacturer.

Manufacturer's notice: This sheet shall serve for your information. The content of the sheet is based on our best knowledge. We do not undertake any duty to advise. The contents of the sheet shall not be considered as an agreement on condition and quality of the goods delivered.

The decision to use our products for its production purposes is the responsibility of our customer. We can accept liability only for the quality of our products at delivery. If difficulties arise in the application of our products, we propose that you contact our technical service department.

P.O. Box: 21 07 80 10507 Berlin, Germany ErasmustraÙe 20 10553 Berlin, Germany · phone +49 (0) 30 349 85 0 fax +49 (0) 30 349 85 777