TZW
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TEST REPORT

Testing of ion exchange resins for softening systems for drinking water installations according to DIN EN 12873-3 (2019/05) in combination with DIN 19636-100 (2023/05)

Product:	AmberLite HPR1100 Na
Material:	Ionenaustauscher Harz
Batch:	F405O4H201
Manufacturer:	Specialty Electronic Materials Switzerland GmbH
Client:	Specialty Electronic Materials Switzerland GmbH
Reference number:	5-0287/24
Sample number:	S00563-24
Order date:	15.04.2024
Date of manufacture:	
Sampler:	(Aufraggeber)

This test report has 2 pages.

Das Technologiezentrum Wasser ist eine Einrichtung des DVGW *Deutscher Verein des Gas- und Wasserfaches e.V.* – Technisch-wissenschaftlicher Verein –

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DAkkS-Akkr.-Nr.: D-PL-14555-02

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Test Results:

1. Formulation was submitted and reviewed under KC 0263-24 [according to Resolution ResAP (2004)3]
2. Pre-treatment: none
3. Test method: DIN EN 12873-3 (sampling method A) DIN 38407-9:1991-05 ; DINEN ISO 17294-2:2017-01 ; DIN EN 1484:2019

	1st Fraction	2nd Fraction	3rd Fraction	4th Fraction	5th Fraction	Fraction Limit value according to DIN 19636-100 (05/2023)
TOC release [mg / l]	5,85	0,40	0,34	0,44	0,27	In the 5th fraction: ≤ 1 mg/l
Smell (TON) and Taste (TFN)	1/ n.n.b	n.n.b/ n.n.b	n.n.b / n.n.b	n.n.b / n.n.b	n.n.b / n.n.b	TON / TFN ≤ 2
2 Formulation ingredient which is subjected to confidentiality*)	Fraction 1 to 5 each guideline value complied with Drinking water SML values					Drinking water SML values

*) Test results TZW (D-PL-14555-01)

The tested resin AmberLite HPR1100 Na meets the requirements of DIN 19636-100 (2023/05) and can be used as an ion exchange resin in softening systems (cation exchangers) for drinking water installations.

The test results relate only to the tested items.

The measurement uncertainty of the test laboratory is not taken into consideration in the declaration of conformity.

Karlsruhe, 16.10.2024

i.V.

Dr.-Ing. Johannes Ruppert / i. V. Dr. Jutta Eggers
Head of test centre