

## PRODUCT DATA SHEET

### ReSiTec 1M Silicon

#### 1. Description

ReSiTec 1M is a high purity silicon powder with low contents of impurities. The material is a purified by-product from Photo Voltaics.

#### 2. Chemical analysis

Chemical analysis as shown in the table below. Water content below 0,5%, traces of organic volatiles.

Element	ReSiTec Silicon	
	1M	1M-HP
Si [wt.%]	≥ 99,2	≥ 99,9
Fe[wt.%]	≤ 0,02	≤ 0,01
Al [wt.%]	≤ 0,7	≤ 0,01
Ca[wt.%]	≤ 0.01	≤ 0.01
Cl [wt.%]	≤ 0,01	≤ 0,01
Cr [ppmw]	≤ 20	≤ 20
Cu [ppmw]	≤ 10	≤ 10
Ni [ppmw]	≤ 50	≤ 20
Ti [ppmw]	≤ 3	≤ 3
B [ppmw]	≤ 1	≤ 1
P [ppmw]	≤ 4	≤ 4

\*XRF/GDMS for metals. %Si=100%-%metals.

#### 3. Sizing

Available as powder ( $d_{90} < 5 \mu\text{m}$ ), agglomerated powder or pellets, sizing on request.

#### 4. Packaging

Available in big-bags or in cardboard drums. Other packing on request.

#### 5. Health and Safety

Not classified as hazardous material. We refer to our *Material Safety Data Sheet*.

#### 6. Contact information

For further information, please contact ReSiTec AS in Norway and our staff will assist you with technical or commercial information.

Contact information is available on our web site [www.resitec.no](http://www.resitec.no) or e-mail: [post@resitec.no](mailto:post@resitec.no)

