

# PRODUCT SPECIFICATION



## PRODUCT SPECIFICATION

|                     |                                                                                               |
|---------------------|-----------------------------------------------------------------------------------------------|
| <b>Product Code</b> | <b>TA0006</b>                                                                                 |
| Product Name        | Bis(isopropylcyclopentadienyl)tantalum dichloride                                             |
| Molecular formula   | TaC <sub>16</sub> H <sub>22</sub> Cl <sub>2</sub>                                             |
| Linear formula      | (C <sub>3</sub> H <sub>7</sub> C <sub>5</sub> H <sub>4</sub> ) <sub>2</sub> TaCl <sub>2</sub> |
| Molecular weight    | 466.21                                                                                        |
| Form                | solid                                                                                         |
| Sensitivity         | moisture                                                                                      |



## TEST SPECIFICATION

|                       |                          |
|-----------------------|--------------------------|
| <b>Assay (purity)</b> | <b>98%+</b>              |
| Purity method         | by elemental analysis    |
| Appearance            | green-brown powder       |
| Elemental analysis    | %C=40.4-42.0; %H=4.7-4.9 |

For available packaging options or alternative purify grades, please contact our technical services.



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The offered information is intended to be used by technically qualified personnel at their discretion and risk. The current Specification sheet may be available at [ereztech.com](http://ereztech.com). Purchaser must determine the suitability of the product for its particular use.