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JIS K 1531 : 2003

Melamine

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## Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law. Consequently **JIS K 1531 : 1982** is replaced with **JIS K 1531 : 2003**.

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In the event of any doubts arising as to the contents,  
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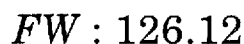
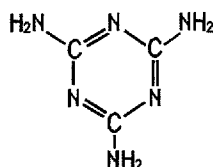
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## Melamine



**1 Scope** This Japanese Industrial Standard specifies melamine for industrial use.

**2 Normative references** The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS K 0050 *General rules for chemical analysis*

JIS K 0101 *Testing methods for industrial water*

JIS K 1556 *Testing method for tolylene diisocyanate*

JIS K 8001 *General rule for test methods of reagents*

JIS Z 8802 *Methods for determination of pH of aqueous solutions*

**3 Quality** Melamine shall be tested according to clause 5 and meet the requirements of Table 1.

**Table 1 Quality**

| Item                          | Quality                                          |
|-------------------------------|--------------------------------------------------|
| Appearance                    | White powder free from intermixed foreign matter |
| Purity %                      | 99.0 or higher                                   |
| Water content %               | 0.2 or less                                      |
| pH                            | 7.5 to 9.5                                       |
| Ash content %                 | 0.05 or less                                     |
| Formalin dissolution test     |                                                  |
| Turbidity (kaoline turbidity) | 30 or less                                       |
| Color (HAZEN units)           | 30 or less                                       |

**4 Sampling method** Sampling shall be performed by extracting at random two or more containers from one lot in which the quality can be regarded to be equal in all parts and taking the required quantity of specimen so that it represents the whole lot, as far as possible. After mixing the specimen uniformly, the test shall be carried out.

## 5 Testing methods

**5.1 General items** The general items for chemical analysis shall be as specified in JIS K 0050.