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STANDARD

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JIS B 9124 : 1997

Rice hulling rubber rolls

ICS 65.060.50; 83.140.99

Descriptors : rice, cereals, cereal products, rollers, natural rubber, synthetic rubber,
chaff

Reference number : JIS B 9124 : 1997 (E)

B 9124:1997

Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of International Trade and Industry through deliberations at Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law. Consequently, JIS B 9124:1995 is replaced with JIS B 9124:1997.

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In the event of any doubts arising as to the contents,
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Rice hulling rubber rolls

1 Scope This Japanese Industrial Standard specifies rice hulling rubber rolls used for rice huller (hereafter referred to as "rolls").

Remarks: The units and numerical values given in { } in this Standard are based on the traditional units and appended for informative reference.

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 indicated below shall be applied.

JIS B 0401 *System of limits and fits*

JIS G 5501 *Grey iron castings*

JIS K 6251 *Tensile testing methods for vulcanized rubber*

JIS K 6253 *Hardness testing methods for vulcanized rubber*

3 Quality

3.1 Appearance Rolls shall comply with the following each item:

- The thickness is uniform.
- The rubber and the core adheres to each other sufficiently.
- There are no flaws, cavities, inclusion of foreign matters or other defects harmful to use.

3.2 Performance Rubber part of roll shall be tested according to 6, and comply with Table 1.

Table 1 Performance

Item		Unit	Performance
Hardness by durometer (A)		—	80 to 98
Tensile strength		MPa {kgf/cm ² }	10 {102} min.
Elongation at break		%	200 min.
Heating test	Hardness by durometer (A)	—	72 min.
	Decrease of hardness by durometer (A)	—	10 max.

4 Shape and dimensions The roll shall consist of rubber part and core part and shape and dimensions of each part, be in accordance with Fig. 1. However, the dimensional permissible deviations shall be in range shown in Table 2.

Remarks: The measuring method for dimensions shall be subjected to the agreement between the parties concerned with delivery.