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**Test methods for chemical fibre
tire cords**

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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 L 1017 : 1995** is replaced with **JIS L 1017 : 2002**.

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Date of Revision: 2002-03-20

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Test methods for chemical fibre tire cords

Introduction This Japanese Industrial Standard to which no International Standards correspond was developed in 1953 as the test methods for chemical fibre tire cords in Japan.

In the revision on this occasion, the title of the standards which applied to this Standard as the normative references were changed along with their revision and the form of presentation was also changed in accordance with **JIS Z 8301**.

1 Scope This Standard specifies the test methods for tire cords, tire cord fabrics, and their original yarn made of chemical fibres (filament yarn of rayon, nylon, vinylon, polyester, and aramid).

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 0557 *Water used for industrial water and wastewater analysis*

JIS K 8102 *Ethanol (95)*

JIS K 8103 *Diethyl ether*

JIS K 8105 *Ethylene glycol*

JIS K 8111 *Zinc chloride*

JIS K 8180 *Hydrochloric acid*

JIS K 8264 *Formic acid*

JIS K 8858 *Benzene*

JIS K 8891 *Methanol*

JIS K 8951 *Sulfuric acid*

JIS L 0101 *Tex system to designate linear density of fibres, yarn intermediate, yarns and other textile materials*

JIS L 0105 *General principles of physical testing methods for textiles*

JIS L 0208 *Glossary of terms used in textile industry—Testing*

JIS R 3503 *Glass apparatus for chemical analysis*

JIS Z 8401 *Guide to the rounding of numbers*

JIS Z 8806 *Humidity—Measurement methods*

3 Definitions For the purposes of this Standard, in addition to the definitions given in **JIS L 0208**, the following definition shall apply.

decitex (dtex) Unit by which thickness of yarn is expressed. The mass in grams per 10 km length of yarn. One dtex corresponds to 0.9 D (1 D equals 1.111 dtex).