

JIS

JAPANESE INDUSTRIAL STANDARD

**Test Method of Weatherability
for Automotive Parts**

JIS D 0205^{—1987}

Translated and Published

by

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In the event of any doubt arising,
the original Standard in Japanese is to be final authority

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Test Method of Weatherability for
Automotive PartsD 0205-1987
(Reaffirmed: 1992)1. Scope

This Japanese Industrial Standard specifies the test methods for weatherability of automobile parts, hereinafter referred to as the "parts" made from plastics, synthetic leathers, textiles, vulcanized rubbers, etc. and of automotive parts processed with surface treatment of which weatherability is liable to deterioration.

- Remarks
1. The types of parts to which this Standard applies are as agreed between the parties concerned with acceptance.
 2. The units and numerical values given in { } in this Standard are based on the traditional unit system and are appended for informative reference.

2. Definitions

The meanings of the main terms used in this Standard shall be as defined below:

- (1) weatherability Resistivity against deteriorations mainly due, among the natural environments, to sunlight, rain and snow, temperature, humidity and ozone.
- (2) light resistance Resistivity, among the weatherabilities, against deteriorations due to sunlight, temperature and humidity.
- (3) ozone resistance Resistivity, among the weatherabilities, against cracking of rubber due to ozone.
- (4) outdoor exposure test The test in which weatherability, light resistance and ozone resistance are to be investigated under natural environmental conditions.
- (5) accelerated test The test in which weatherability, light resistance and ozone resistance are to be investigated under the conditions approximate to natural environments and capable of being accelerated.
- (6) migrating stain A property of discoloration of the outer surfaces of painted films, exterior parts, synthetic leathers, plastics and others caused by rubber parts, adhesives, plastics and others which are used in contact with these.
- (7) synthetic leather Generic term for surfacing materials, such as vinyl chloride leather and vinyl chloride sheet, having appearance and functions approximate to those of natural leathers.

Applicable Standards and Reference Standards: See pages 25 and 26.