

KES

Test Standard of
Synthetic Rubber NBR

KES T – L453

(EST.) 1991 – 09 – 18

Contents

1. Scope of Application
2. Test Items
3. Sample Extraction Method
4. Reagent for Chemical Test and Glass Implement
5. Chemical Test Method
6. Physical Test Method



1. Scope of application

This standard shall prescribe a test method (Except latex test method) of a synthetic rubber NBR (Acrylonitrile, Butadiene copolymer , it is called NBR as the following).

2. Test items and a cipher number of test result to be obtained

Test items and a cipher number of test result to be obtained shall be to be converted according to JIS Z 8401(Conversion method of numerical value) and the method of table 1.

Table 1

Test items			Unit	A cipher number of test result to be obtained
Chemical test	Volatiles		%	2 ciphers under decimal point
	carbon		%	2 ciphers under decimal point
	Bond acrylonitrile		%	1 ciphers under decimal point
Physical test	Patterned coefficient of viscosity		ML 1+4 (100°C)	Over integer
	Tensile test	Tensile strength	Kg f / cm ² {Mpa}	Over integer
		Tensile Elongation	%	2 ciphers of effective figure
		300% tensile stress	Kg f / cm ² {Mpa}	Over integer

3. Sample extraction method

Sample is to be extracted per each lot & unit considered as same quantity, and test it with removing other materials and kept in vessel that is able to preserve airtightness, however, lot decision method of official product for sample extraction and number of extraction shall be to follow an agreement of the person concerned

4. Reagent for chemical test and glass implement

Reagent for chemical test and glass implement for analysis prescribed in JIS K 0050(Chemical general rule) shall be used