

KES

Evaluation Standard on
NBR (Acrylonitril – Butadiene
공중합물)

KES T – L451

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1. Scope of application

This standard shall be applied to evaluation, standard treatment of mixing ingredients for production management, mixing sequence and test method of acronicril-buthadien rubber (NBR).

2. Related ASTM

D 412 Elasticity specificity test on rubber

D1485 Natural or synthesized rubber

D1646 Natural or synthesized rubber test – viscosity and vulcanizing specificity
(pattern viscometer)

D2084 Measuring rubber-mixed material – vulcanized specificity by osillating diskcure
meter

D3182 Mixture of rubber-mixed material and standard mixing ingredients used as test
piece of vulcanized rubber, recommended method on apparatus and sequence

3. Standard mixing treatment for standard test

Standard mixing treatment

Mixing ingredients	NBS SRM No	Weight by mixing treatment No. 1A (Parts)
NBR		100.00
Oxidized iron	370	3.00
Sulfur	371	1.50
Stearine acid	372	1.00
Oil pathes black ^(a)	378	40.00
Vulcanizing facilitator TBBS ^(b)	384	0.70
Total		146.20
Batch factor ^(c)		4.0