

New Standards in Thailand for Feeding Bottle Nipples and Pacifiers

In June 2021, the Ministry of Industry of Thailand published two Ministerial Regulations in the Royal Gazette. These regulations mandate two specific products, **feeding bottle nipples** and **pacifiers**, to conform with their corresponding Thai Industrial Standards *TIS 969-2562 (2019)* and *TIS 1025-2562 (2019)* respectively as described below:

Regulation Regarding Designation of	Standard	References
Rubber Nipples for Feeding Bottles	TIS 969-2562 (2019)	<ol style="list-style-type: none"> EN 14350-1:2004 Child use and care articles – Drinking equipment – Part 1: General and mechanical requirements and tests EN 14350-2:2004 Child use and care articles – Drinking equipment – Part 2: Chemical requirements and test methods EN 71-3:2013+A2:2017 Safety of toys – Part 3: Migration of Certain Elements EN 71-11:2005 Safety of toys – Part 11: Organic chemical compounds – Method of analysis EN 12868:2017 Child use and care articles – Method for determining the release of N-nitrosamines and N-nitrosatable substances from elastomer or rubber teats and soothers
Pacifiers	TIS 1025-2562 (2019)	<ol style="list-style-type: none"> EN 1400:2013+A1:2014 Child use and care articles – Soothers for babies and young children – Safety requirements and test methods EN 71-3:2013+A2:2017 Safety of toys – Part 3: Migration of Certain Elements EN 12868:2017 Child use and care articles – Method for determining the release of N-nitrosamines and N-nitrosatable substances from elastomer or rubber teats and soothers DIN 53160-1:2010 Determination of the colorfastness of articles for common use – Part 1: test with artificial saliva ISO 105-A03:1993 Textiles – Tests for colorfastness – Part A03: Gray scale for assessing staining

Chemical Limits for Feeding Bottle Nipples - TIS 969-2562 (2019):

Item	Element	Limit (mg/kg)
1	Antimony (Sb)	15
2	Arsenic (As)	10
3	Barium (Ba)	100
4	Cadmium (Cd)	20
5	Chromium (Cr)	10
6	Lead (Pb)	25
7	Mercury (Hg)	10
8	Selenium (Se)	100

Chemical Limits for Pacifiers - TIS 1025-2562 (2019):

Item	Element	Limit (mg/kg)
1	Antimony (Sb)	60
2	Arsenic (As)	2.5
3	Barium (Ba)	200
4	Cadmium (Cd)	1.8
5	Chromium (Cr)	50
6	Lead (Pb)	2.5
7	Mercury (Hg)	10
8	Selenium (Se)	50
9	Aluminum (Al)	1,430
10	Boron (B)	1,600
11	Cobalt (Co)	14
12	Copper (Cu)	830
13	Manganese (Mn)	300
14	Nickel (Ni)	100
15	Strontium (Sr)	6,000
16	Tin (Sn)	20,000
17	Zinc (Zn)	5,000

Effective Date:

These regulations will be effective 180 days after the announcement in the Royal Gazette. Therefore, both TIS 969-2562 (2019) for Rubber Nipples for Feeding Bottles and TIS 1025-2562 (2019) for Pacifiers will become effective on **2021-12-13**.

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