

Name of Laboratory : Raw Materials and Rubber Products Testing Laboratory, Specialized center of Rubber and Polymer Materials in agriculture and industry (RPM), Department of Materials Science, Faculty of Science, Kasetsart University

Address : 50 Ngamwongwan Road, Ladyao, Chatuchak, Bangkok 10900

Accreditation Number : Testing - 0318

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Initial Issue Date : 9th April 2024

Issue Date : 9th April 2024

Expired date : 8th April 2028

Standard : ISO/IEC 17025:2017

Reference No. : 0303/5267

Scope of Testing Laboratory Accreditation

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Laboratory Status : Permanent Site Temporary Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1	Natural rubber latex concentrate	- Total solids content 51.2% by weight to 61.5% by weight - Dry rubber content 50.0% by weight to 60.3% by weight - Non rubber content % by weight - Alkalinity (as ammonia) 0.5% by weight to 0.7% by weight	- TIS 980 : 2552 - ISO 124 : 2014 - TIS 980 : 2552 - ISO 126 : 2005 TIS 980 : 2552 - TIS 980 : 2552 - ISO 125 : 2020

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1 (cont.)	Natural rubber latex concentrate	- KOH number 0.5 to 0.7	- TIS 980 : 2552 - ISO 127 : 2018
2	Natural rubber latex foams for pillows	- General appearance - Natural rubber content compared to total rubber content - 100 % Natural rubber - Not 100 % natural rubber - Density 67 kg/m ³ to 120 kg/m ³	TIS 2741 : 2559, Clause 4.1 - TIS 2741 : 2559, Clause 8.2 - In - house method : WI-RF-01 based on ISO 9924 : 2023 - TIS 2741 : 2559, Clause 8.3 - ISO 845 : 2006

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2 (cont.)	Natural rubber latex foams for pillows	<ul style="list-style-type: none"> - Indentation hardness index 69 N to 276 N - Accelerated ageing test Change in indentation hardness % - Compression set 1.4 % to 6.2 % - Fatigue by constant-load pounding - Change in indentation hardness % 	<ul style="list-style-type: none"> - TIS 2741 : 2559, Clause 8.4 - ISO 2439 : 2008 - TIS 2741 : 2559, Clause 8.5 - ISO 2440 : 2019 - TIS 2741 : 2559, Clause 8.6 - ISO 1856 : 2018 - TIS 2741 : 2559, Clause 8.7 - ISO 3385 : 2014

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