

Name of Laboratory : Laboratory of Nam Hua Rubber Company Limited.  
Address : 41 Moo 3, Tambon Samnak Kham, Amphoe Sadao,  
Changwat Songkhla 90320  
Accreditation Number : Testing – 0266  
Contact Person : Ms. Jaruwon Jantaloed  
Phone : 081-9593137, 074-379984-9  
Fax : 074-379987  
E-mail : jaruwon@sritranggroup.com  
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Issue Date : 16<sup>th</sup> September 2021  
Expired date : 15<sup>th</sup> September 2025  
Standard : ISO/IEC 17025:2017  
Reference No. : 0303/12837

### Scope of Testing Laboratory Accreditation

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Accreditation Number : Testing - 0266

Laboratory Status :  Permanent  Site  Temporary  Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1	Block rubber STR	- Dirt 0.020 %w/w to 0.160 %w/w  - Ash 0.20 %w/w to 0.80 %w/w  - Volatile matter 0.10 %w/w to 0.80 %w/w  - Nitrogen 0.20 %w/w to 0.80 %w/w	Testing for Thai Rubber (STR), Rubber Division, Department of Agriculture, 2018, p 4-9  Testing for Thai Rubber (STR), Rubber Division, Department of Agriculture, 2018, p 10-12  Testing for Thai Rubber (STR), Rubber Division, Department of Agriculture, 2018, p 13-15  Testing for Thai Rubber (STR), Rubber Division, Department of Agriculture, 2018, p 16-20

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Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1 (cont.)	Block rubber STR	- Rapid plasticity 25 to 45  - Plasticity retention index 40.0 to 90.0  - Mooney viscosity 55.0 ML (1+4) 100 °C to 95.0 ML (1+4) 100 °C	Testing for Thai Rubber (STR), Rubber Division, Department of Agriculture, 2018, p 21-23  Testing for Thai Rubber (STR), Rubber Division, Department of Agriculture, 2018, p 27-28
2	Mixtures rubber	- Dirt 0.020 %w/w to 0.160 %w/w  - Ash 0.20 %w/w to 0.80 %w/w	In – house method : STR.LA.TM.08.004 based on Testing for Thai Rubber (STR), Rubber Division, Department of Agriculture, 2018, p 4-9  In – house method : STR.LA.TM.08.004 based on Testing for Thai Rubber (STR), Rubber Division, Department of Agriculture, 2018, p 10-12

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2 (cont.)	Mixtures rubber	- Volatile matter 0.20 %w/w to 0.80 %w/w  - Nitrogen 0.20 %w/w to 0.80 %w/w  - Rapid plasticity 25 to 45  - Plasticity retention index 40.0 to 90.0	In – house method : STR.LA.TM.08.004 based on Testing for Thai Rubber (STR), Rubber Division, Department of Agriculture, 2018, p 13-15  In – house method : STR.LA.TM.08.004 based on Testing for Thai Rubber (STR), Rubber Division, Department of Agriculture, 2018, p 16-20  In – house method : STR.LA.TM.08.004 based on Testing for Thai Rubber (STR), Rubber Division, Department of Agriculture, 2018, p 21-23

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