

Name of Laboratory : Laboratory of Southland Resources Co., Ltd. (Bangklam Branch)
Address : 130 Moo 4, Sai-Asia Road, Tambon Thachang, Amphoe Bangklam,
Changwat Songkhla 90110
Accreditation Number : Testing - 0170
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Initial Issue Date : 20th June 2018
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Standard : ISO/IEC 17025:2017
Reference No. : 0303/11113

Scope of Testing Laboratory Accreditation

Laboratory Name : Laboratory of Southland Resources Co., Ltd. (Bangklam Branch)

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Accreditation Number : Testing - 0170

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 0.010 %w/w to 0.160 %w/w - Ash 0.10 %w/w to 0.80 %w/w - Volatile matter 0.10 %w/w to 0.80 %w/w - Nitrogen 0.10 %w/w to 0.60 %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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Issue Number 3

Bureau of Laboratory Accreditation, Department of Science Service, Ministry of Higher Education, Science, Research and Innovation

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Accreditation Number : Testing - 0170

Laboratory Status : Permanent Site Temporary Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1 (cont.)	Block rubber STR	- Rapid plasticity 30 to 50 - Plasticity retention index 50.0 to 90.0 - Mooney viscosity 60.0 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 0.010 %w/w to 0.160 %w/w - Ash 0.10 %w/w to 0.80 %w/w	In - house method : PM-QA-01-W02 based on Testing for Thai Rubber (STR), Rubber Division, Department of Agriculture, 2018, p. 4-9 In - house method : PM-QA-01-W03 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 0.10 %w/w to 0.80 %w/w - Nitrogen 0.10 %w/w to 0.60 %w/w - Rapid plasticity 30 to 50 - Plasticity retention index 50.0 to 90.0	In - house method : PM-QA-01-W04 based on Testing for Thai Rubber (STR), Rubber Division, Department of Agriculture, 2018, p. 13-15 In - house method : PM-QA-01-W05 based on Testing for Thai Rubber (STR), Rubber Division, Department of Agriculture, 2018, p. 16-20 In - house method : PM-QA-01-W06 based on Testing for Thai Rubber (STR), Rubber Division, Department of Agriculture, 2018, p. 21-23

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Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
2 (cont.)	Mixtures rubber	- Mooney viscosity 60.0 ML (1+4) 100 °C to 95.0 ML (1+4) 100 °C	In - house method : PM-QA-01-W07 based on Testing for Thai Rubber (STR), Rubber Division, Department of Agriculture, 2018, p. 27-28

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