

Name of Laboratory : Testing Laboratory of Southland Resources (Chumphon) Co., Ltd.
Address : 126 Moo 8, Tambon Khaochairaj, Amphoe Patew,
Changwat Chumphon 86210
Accreditation Number : Testing - 0192
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Initial Issue Date : 19th August 2019
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Standard : ISO/IEC 17025:2017
Reference No. : 0303/11112

Scope of Testing Laboratory Accreditation

Laboratory Name : Testing Laboratory of Southland Resources (Chumphon) Co., Ltd.

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Accreditation Number : Testing - 0192

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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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 30.0 to 90.0 - Mooney viscosity 50.0 ML (1+4) 100 °C to 90.0 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 : WI-QA-02 based on Testing for Thai Rubber (STR), Rubber Division, Department of Agriculture, 2018, p. 4-9 In - house method : WI-QA-03 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 25 to 45 - Plasticity retention index 30.0 to 90.0	In - house method : WI-QA-04 based on Testing for Thai Rubber (STR), Rubber Division, Department of Agriculture, 2018, p. 13-15 In - house method : WI-QA-05 based on Testing for Thai Rubber (STR), Rubber Division, Department of Agriculture, 2018, p. 16-20 In - house method : WI-QA-06 based on Testing for Thai Rubber (STR), Rubber Division, Department of Agriculture, 2018, p. 21-23

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2 (cont.)	Mixtures rubber	- Mooney viscosity 50.0 ML (1+4) 100 °C to 90.0 ML (1+4) 100 °C	In - house method : WI-QA-07 based on Testing for Thai Rubber (STR), Rubber Division, Department of Agriculture, 2018, p. 27-28

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