

**STANDARDS**  
MALAYSIA

# Certificate of Accreditation

No: SAMM 792

Accredited since: 17 November 2016

This is to certify that

INSTITUTE OF TROPICAL FORESTRY AND  
FOREST PRODUCTS (INTROP)  
UNIVERSITI PUTRA MALAYSIA  
UPM SERDANG  
SELANGOR  
MALAYSIA



Scan this QR Code or visit  
[www.jsm.gov.my/cab-directories](http://www.jsm.gov.my/cab-directories)  
for the current scope of accreditation

has been granted accreditation in respect of the scope of accreditation described in the schedule, subject to the terms and conditions governing the *Skim Akreditasi Makmal Malaysia* (SAMM), the Laboratory Accreditation Scheme of Malaysia.

Laboratories accredited under SAMM meet the requirements of MS ISO/IEC 17025. This Malaysian Standard is identical with ISO/IEC 17025 published by the International Organization for Standardization (ISO).



(SHAHARUL SADRI BIN ALWI)  
Director General  
Department of Standards Malaysia

Date of issue: 1 July 2020

NO: SAMM 792

Page: 1 of 1

LABORATORY LOCATION:  
(PERMANENT LABORATORY)

**INSTITUTE OF TROPICAL FORESTRY AND  
FOREST PRODUCTS (INTROP)  
UNIVERSITI PUTRA MALAYSIA  
43400 UPM SERDANG  
SELANGOR  
MALAYSIA**

FIELD OF TESTING: **MECHANICAL**

This laboratory has demonstrated its technical competence to operate in accordance with MS ISO/IEC 17025:2017 (ISO/IEC 17025:2017).

This laboratory's fulfillment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001 (see Joint ISO-ILAC-IAF Communiqué dated April 2017).

**SCOPE OF TESTING: MECHANICAL**

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Plastic Materials including unreinforced and reinforced plastics	Tensile strength	ASTM D638-14
	Flexural strength	ASTM D790-15

**Signatory:**

1. **Dr. Ahmad Adlie Shamsuri**