


NO: SAMM 942(Issue 2, 28 July 2025 replacement
of SAMM 942 dated 21 March 2025)

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LABORATORY LOCATION/ CENTRAL OFFICE:	SERC Mechanical Testing Laboratory (SMTL), USM SCIENCE AND ENGINEERING RESEARCH CENTRE ENGINEERING CAMPUS UNIVERSITI SAINS MALAYSIA , 14300, PULAU PINANG MALAYSIA
	
ACCREDITED SINCE :	28 JULY 2025
FIELD(S) OF TESTING:	MECHANICAL 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).

CENTRAL LOCATION:	SERC Mechanical Testing Laboratory (SMTL), USM SCIENCE AND ENGINEERING RESEARCH CENTRE ENGINEERING CAMPUS UNIVERSITI SAINS MALAYSIA , 14300, Pulau Pinang
FIELD(S) OF TESTING :	MECHANICAL, MECHANICAL

SCOPE OF TESTING : MECHANICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Plastics And Related Products Plastics And Plastics Composite	Tensile Strength	ASTM D 638-22 exclude Test Specimen Clause 6.2 – Rigid Tubes and Clause 6.3 – Rigid Rods
	Flexural Strength	ASTM D790-17
Plastics And Related Products Plastics And Plastics Composite	Tensile Strength	ASTM D 638-22 exclude Test Specimen Clause 6.2 – Rigid Tubes and Clause 6.3 – Rigid Rods
	Flexural Strength	ASTM D790-17

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