

NO: SAMM 1192

**LABORATORY LOCATION:**  
(PERMANENT LABORATORY)



**USM MECHANICAL TESTING SERVICES  
(USM-MTS), USM  
PUSAT PENGAJIAN KEJURUTERAAN MEKANIK  
KAMPUS KEJURUTERAAN USM  
14300 NIBONG TEBAL, PULAU PINANG  
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 material	Tensile strength (Up to 30kN)	ASTM D 638-22: Standard Test Method for Tensile Properties of Plastics (exclude Test Specimen Clause 6.2 – Rigid Tubes and Clause 6.3 – Rigid Rods)

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