

PENARIKAN BALIK STANDARD MALAYSIA

PADA menjalankan kuasa yang diberikan oleh subseksyen 15(1) Akta Standard Malaysia 1996 [Akta 549], Menteri mengisytiharkan penarikan balik pemakaian Standard Malaysia yang disenaraikan dalam Jadual bagi maksud Akta ini.

WITHDRAWAL OF MALAYSIAN STANDARDS

IN exercise of the powers conferred by subsection 15(1) of the Standards of Malaysia Act 1996 [Act 549], the Minister declares the withdrawal of the application of the Malaysian Standards listed in the Schedule for the purpose of this Act.

As approved by the Minister on 16 December 2022

JADUAL / SCHEDULE

PENARIKAN BALIK DENGAN GANTIAN WITHDRAWAL WITH REPLACEMENT

No.	No. MS	Tahun <i>Year</i>	Tajuk <i>Title</i>	Diganti dengan <i>Replace by</i>
1.	MS ISO 14704	2009	Fine ceramics (advanced ceramics, advanced technical ceramics) – Test method for flexural strength of monolithic ceramics at room temperature (First Revision)	MS ISO 14704:2018 - Fine ceramics (advanced ceramics, advanced technical ceramics) – Test method for flexural strength of monolithic ceramics at room temperature (Second revision) (ISO 14704:2016, IDT)
2.	MS ISO 17561	2008	Fine ceramics (advanced ceramics, advanced technical ceramics) - test method for elastic moduli of monolithic ceramics at room temperature by sonic resonance (ISO 17561:2002/Cor 1:2007, IDT)	MS ISO 17561:2018 - Fine ceramics (advanced ceramics, advanced technical ceramics) - Test method for elastic moduli of monolithic ceramics at room temperature by sonic resonance (First revision) (ISO 17561:2016, IDT)

No.	No. MS	Tahun Year	Tajuk Title	Diganti dengan Replace by
3.	MS ISO 17562	2005	Fine ceramics (advanced ceramics, advanced technical ceramics) - test method for linear thermal expansion of monolithic ceramics by push rod technique (ISO 17562:2001, IDT)	MS ISO 17562:2018 - Fine ceramics (advanced ceramics, advanced technical ceramics) - Test method for linear thermal expansion of monolithic ceramics by push-rod technique (First revision) (ISO 17562:2016, IDT)
4.	MS ISO 20507	2008	Fine ceramics (advanced ceramics, advanced technical ceramics) - Vocabulary (ISO 20507:2003, IDT)	MS ISO 20507:2018 - Fine ceramics (advanced ceramics, advanced technical ceramics) – Vocabulary (First revision) (ISO 20507:2014, IDT)
5.	MS ISO 22197-1	2008	Fine ceramics (advanced ceramics, advanced technical ceramics) - test method for air-purification performance of semiconducting photocatalytic materials - part 1: removal of nitric oxide (ISO 22197-1:2007, IDT)	MS ISO 22197-1:2018 - Fine ceramics (advanced ceramics, advanced technical ceramics) - - Test method for air-purification performance of semiconducting photocatalytic materials -- Part 1: Removal of nitric oxide (First revision) (ISO 22197-1:2016, IDT)
6.	MS 1364	1994	Method for determination of brimful capacity of aerosol cans	MS 1255:2021 – Household insecticide products – Surface and direct spray aerosol – Chemical, physical and biological efficacy requirements (Second revision); and MS 1257:2021 – Household insecticide products – Space spray aerosol – Chemical, physical and biological efficacy requirements (Second revision)

No.	No. MS	Tahun <i>Year</i>	Tajuk <i>Title</i>	Diganti dengan <i>Replace by</i>
7.	MS 1911: PART 4	2006	Household insecticide products - evaluation method for biological efficacy - part 4: plaque method	MS 1255:2021 – Household insecticide products – Surface and direct spray aerosol – Chemical, physical and biological efficacy requirements (Second revision)

PENARIKAN BALIK TANPA GANTIAN
WITHDRAWAL WITHOUT REPLACEMENT

No.	No. MS	Tahun <i>Year</i>	Tajuk <i>Title</i>
1.	MS ISO 306	2005	Plastics - Thermoplastic Materials - Determination Of VICAT Softening Temperature (VST) (ISO 306:2004, IDT)
2.	MS ISO 1209-2	2006	Rigid Cellular Plastics - Determination of flexural properties - Part 2: Determination of flexural strength and apparent flexural modulus of elasticity (First revision) (ISO 1209-2:2004, IDT)
3.	MS ISO 75-1	2007	Plastics - Determination of temperature of deflection under load - Part 1: General test method (First revision) (ISO 75-1:2004, IDT)
4.	MS ISO 75-2	2007	Plastics - Determination of temperature of deflection under load - Part 2: Plastics and ebonite (First revision) (ISO 75-2:2004, IDT)
5.	MS ISO 844	1998	Cellular plastics - Compression test for specification
6.	MS ISO 7111	1998	Plastics - Thermogravimetry of polymers - Temperature scanning method
7.	MS ISO 4613-2, including AMD. 1:2013	1999	Plastics - Ethylene/Vinyl Acetate (E/VAC) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties

No.	No. MS	Tahun Year	Tajuk Title
8.	MS ISO 4589-1	2000	Plastics - Determination of burning behaviour by oxygen index - Part 1: Guidance
9.	MS ISO 4589-2	2000	Plastics - Determination of burning behaviour by oxygen index - Part 2: Ambient-temperature test
10.	MS ISO 179-2	2002	Plastics - Determination of charpy impact properties - Part 2: Instrumented impact test
11.	MS ISO 180	2002	Plastics - Determination of izod impact (ISO 180:2000, IDT)
12.	MS ISO 11357-2	2003	Plastics - Differential scanning calorimetry (DSC) - Part 2: Determination of glass transition temperature (ISO 11357-2:1999, IDT)
13.	MS ISO 14145-1	2003	Roller ball pens and refills - Part 1: General Use
14.	MS ISO 13802	2004	Plastics - Verification of pendulum impact-testing machines - Charpy, izod and tensile impact-testing
15.	MS ISO 11357-5	2004	Plastics - Differential Scanning Calorimetry (DSC) - Part 5: Determination of characteristic reaction- curve temperatures and times, enthalpy of reaction and degree of conversion (ISO 11357-5:1999, IDT)
16.	MS ISO 11357-6	2004	Plastics - Differential Scanning Calorimetry (DSC) - Part 6: Determination of oxidation induction time (ISO 11357-6:2002, IDT)
17.	MS ISO 11357-7	2004	Plastics - Differential Scanning Calorimetry (DSC) - Part 7: Determination of crystallization kinetics (ISO 11357-7:2002, IDT)
18.	MS ISO 13468-1	2004	Plastics - Determination of the total luminous transmittance of transparent materials - Part 1: Single-beam instrument
19.	MS ISO 16014-2	2004	Plastics - Determination of average molecular mass and molecular mass distribution of polymers using size- exclusion chromatography - Part 2: Universal calibration method (ISO 16014-2:2003, IDT)

No.	No. MS	Tahun Year	Tajuk Title
20.	MS ISO 16014-3	2004	Plastics - Determination of average molecular mass and molecular mass distribution of polymers using size- exclusion chromatography - Part 3: Low-temperature method (ISO 16014-3:2003, IDT)
21.	MS ISO 16014-4	2004	Plastics - Determination of average molecular mass and molecular mass distribution of polymers using size-exclusion chromatography - Part 4: High-temperature method (ISO 16014-4:2003, IDT)
22.	MS ISO 16014-1	2004	Plastics - Determination of average molecular mass and molecular mass distribution of polymers using size- exclusion chromatography - Part 1: General principles (ISO 16014-1:2003, IDT)
23.	MS 1812	2005	Test methods for constituent content of composite materials
24.	MS 1813	2005	Test methods for ignition loss of cured reinforced resins
25.	MS 1808	2005	Test method for indentation hardness of rigid plastics by means of a Barcol impressor (First Revision)
26.	MS ISO 16152	2006	Plastics - Determination of Xylene-soluble matter in Polypropylene (ISO 16152:2005, IDT)
27.	MS ISO 1183-1	2006	Plastics - Methods for determining the density of non-cellular plastics - Part 1: Immersion method, liquid Pycnometer method and titration method (First Revision) (ISO 1183-1:2004, IDT)
28.	MS ISO 1183-2	2006	Plastics - Methods for determining the density of non-cellular plastics - Part 2: Density gradient column method (First revision) (ISO 1183-2:2004, IDT)
29.	MS ISO 1133	2006	Plastics - Determination of the melt mass-flow rate (MFR) and the melt volume-flow rate (MVR) of thermoplastics (ISO 1133:2005, IDT)
30.	MS ISO 2580-1	2006	Plastics - Acrylonitrile-Butadiene-Styrene (ABS) Moulding and extrusion materials - Part 1: Designation system and basis for specifications (First revision) (ISO 2580-1:2002, IDT)

No.	No. MS	Tahun <i>Year</i>	Tajuk <i>Title</i>
31.	MS ISO 2580-2	2006	Plastics - Acrylonitrile- Butadiene-Styrene (ABS) Moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties (First Revision) (ISO 2580-2:2003, IDT)
32.	MS ISO 899-1	2007	Plastics - Determination of creep behaviour - Part 1: Tensile creep (First revision) (ISO 899-1:2003, IDT)
33.	MS ISO 7391-2	2007	Plastics - Polycarbonate (PC) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties (First revision) (ISO 7391-2:2006, IDT)
34.	MS 1974	2007	Practice for identification of polymer layers or inclusions by Fourier Transform Infrared Microspectroscopy (FT-IR)
35.	MS 1975	2007	Test method for impact resistance of flat, rigid plastics specimen by means of a striker impacted by a falling weight (Gardner Impact)
36.	MS 1976	2007	Test method for carbon black extractables - transmittance of toluene extract
37.	MS 1977	2007	Test method for coefficient of linear thermal expansion of plastics between -30°C and 30°C with a Vitreous Silica Dilatometer
38.	MS 1978	2007	Test method for curing properties of pultrusion resins by thermal analysis
39.	MS 1371	2007	Test method for environmental stress-cracking of ethylene plastics (First revision)
40.	MS 1466	2007	Test method for linear thermal expansion of solid materials by Thermomechanical Analysis (First Revision)
41.	MS 1473	2007	Test method for plastics: dynamic mechanical properties: in flexure (Three-Point Bending) (First revision)
42.	MS 1972	2007	Test method for density of smoke from the burning or decomposition of plastics

No.	No. MS	Tahun Year	Tajuk Title
43.	MS 1973	2007	Test method for determination of carbon black content in polyethylene compounds by the Muffle-Furnace Technique
44.	MS ISO 16012	2007	Plastics - Determination of linear dimensions of test specimens (ISO 16012:2004 and corrigendum 1:2004, IDT)
45.	MS ISO 2555	1995	Plastics – Resins in the liquid state or as emulsions or dispersions – Determination of apparent viscosity by the Brookfield test method (ISO 2555:1990, IDT)
46.	MS ISO 2528	2000	Sheet materials - Determination of water vapour transmission rate - gravimetric (Dish) method (ISO 2528:1995, IDT)
47.	MS ISO 177	2001	Plastics - Determination of migration of plasticizers (ISO 177:1988, IDT)
48.	MS 1734	2004	Plastics - film and sheeting - determination of oxygen gas transmission rate using a coulometric sensor
49.	MS 1805	2005	Test method for resistance of plastics films to extraction by chemicals
50.	MS 1807	2005	Test method for shrink tension and orientation release stress of plastics film and thin sheeting
51.	MS 1896	2005	Test method for evaluating load containment performance of stretch wrap films by vibration testing
52.	MS 1897	2005	Test method for evaluating abrasion resistance of stretch wrap films by vibration testing
53.	MS 2000	2005	Test method for water vapor transmission rate through plastics film and sheeting using a modulated infrared sensor
54.	MS 2001	2005	Test method for peel cling of stretch wrap film
55.	MS 1105	2006	Test methods for impact resistance of plastics film by the free-falling dart method (first revision)

No.	No. MS	Tahun Year	Tajuk Title
56.	MS 1424	2009	Test method for package yield of plastics film (First revision)
57.	MS 1505	2005	Test method for comparison of bond strength or ply adhesion of similar laminates made from flexible materials (First revision)
58.	MS 1898	2005	Test method for protrusion puncture resistance of stretch wrap film
59.	MS 2519	2013	Plastics - Film and lamination - Oriented polypropylene (OPP) film – Specification
60.	MS 1421	2014	Test method for haze and luminous transmittance of transparent plastics (Second revision)
61.	MS ISO 8570	2004	Plastics – Film and sheeting – Determination of cold-Crack temperature (ISO 8570:1991, IDT)
62.	MS ISO 4586-1	2007	High-pressure decorative laminates - Sheet made from thermosetting resins - Part 1: Classification and specification (ISO 4586-1:2004, IDT)
63.	MS ISO 4586-2	2007	High-pressure decorative laminates - sheet made from thermosetting resins - Part 2: Determination of properties (ISO 4586-2:2004, IDT)
64.	MS ISO 8296	2010	Plastics - film and sheeting - determination of wetting tension (First revision) (ISO 8296: 2003, IDT)
65.	MS ISO 11501	2005	Plastics - film and sheeting - determination of dimensional change on heating (ISO 11501:1995, IDT)
66.	MS ISO 8295	2005	Plastics - film and sheeting - determination of the coefficients of friction (ISO 8295:1995, IDT)
67.	MS ISO 17557	2013	Plastics - film and sheeting - cast polypropylene (CPP) films (ISO 17557:2003, IDT)
68.	MS 2047	2007	Practice for determination of monomeric plasticisers in poly (Vinyl chloride) (PVC) by gas chromatography

No.	No. MS	Tahun <i>Year</i>	Tajuk <i>Title</i>
69.	MS 2048	2007	Test method for purity of monomeric plasticisers by gas chromatography
70.	MS 2049	2007	Test method for residual vinyl chloride monomer in poly (vinyl chloride) resins by gas chromatographic headspace technique
71.	MS 2069	2008	Practice for determination of volatiles in polymers by static headspace gas chromatography
72.	MS ISO/IEC 27006	2007	Information technology – Security techniques – Requirements for providing audit and certification of information security management systems (ISO/IEC 27006:2007, IDT)