



# MALAYSIAN STANDARD

MS 1288:2024

**Photocopy paper – Specification  
(Second revision)**

**ICS: 85.080**

Descriptors: paper, photocopy, specification

**© Copyright 2024**

**DEPARTMENT OF STANDARDS MALAYSIA**

## DEVELOPMENT OF MALAYSIAN STANDARDS

The **Department of Standards Malaysia** is the national standards and accreditation body of Malaysia.

The main function of the Department of Standards Malaysia is to foster and promote standards, standardisation and accreditation as a means of advancing the national economy, promoting industrial efficiency and development, benefitting the health and safety of the public, protecting the consumers, facilitating domestic and international trade and furthering international cooperation in relation to standards and standardisation. The use of Malaysian Standards is voluntary except in so far as they are made mandatory by regulatory authorities by means of regulations, local by-laws or any other similar ways.

Malaysian Standards are developed through consensus by committees which comprise balanced representation of producers, users, consumers and others with relevant interests, as may be appropriate to the subject at hand. The development of a standard as a Malaysian Standard is governed by the Standards of Malaysia Act 1996 [Act 549]. Section 18A of the act stipulated that, all Malaysian Standards are owned by the Government of Malaysia and no part of a Malaysian Standard can be reproduced in any form without the written permission of the Director General.

For further information on Malaysian Standards, please contact:

**Department of Standards Malaysia**  
Level 4 – 7, Tower 2, Menara Cyber Axis  
Jalan Impact, Cyber 6  
63000 Cyberjaya  
Selangor Darul Ehsan  
MALAYSIA

Tel: 60 3 8008 2900  
Fax: 60 3 8008 2901  
<http://www.jsm.gov.my>  
E-mail: [central@jsm.gov.my](mailto:central@jsm.gov.my)

**Contents**

	<b>Page</b>
Committee representation .....	ii
Foreword.....	iii
1 Scope.....	1
2 Normative references .....	1
3 Terms and definitions .....	2
4 General requirements.....	4
4.1 Curl .....	4
4.2 Surface condition .....	4
4.3 Formation.....	4
4.4 Trim.....	4
4.5 Furnish.....	4
5 Specific Requirements .....	5
5.1 Grammage.....	5
5.2 Thickness (Caliper).....	5
5.3 Grain direction .....	5
5.4 Shade/colour.....	5
5.5 Physical and optical properties.....	5
5.6 Size.....	5
5.7 Moisture content .....	6
5.8 Ash content.....	6
6 Preparation for delivery .....	6
6.1 Packaging .....	6
6.2 Wrapping .....	6
6.3 Labelling and marking.....	6
6.4 Packing.....	6
7 Sampling for inspection .....	7
8 Physical and optical properties.....	7
Annex A (informative) Recommended test method for machine direction determination of paper and paperboard.....	8
Annex B (informative) Principle for contact angle measurement.....	11
Bibliography.....	12

## **MS 1288:2024**

### **Committee representation**

The National Standards Committee on Chemicals and Materials (NSC 02) under whose authority this Malaysian Standard was developed, comprises representatives from the following organisations:

Chemical Industries Council of Malaysia  
Department of Agriculture Malaysia  
Department of Chemistry Malaysia  
Department of Minerals and Geoscience Malaysia  
Department of Occupational Safety and Health  
Department of Standards Malaysia (Secretariat)  
Malaysian Association of Standard Users  
Malaysian Institute of Chemistry  
Malaysian Paint and Coating Manufacturers' Association  
Malaysian Pulp and Paper Manufacturers Association  
Ministry of Domestic Trade and Consumer Affairs  
Ministry of Investment, Trade and Industry  
National Water Services Commission  
Universiti Malaya  
Universiti Teknologi MARA

The Technical Committee on Pulp, Paper and Boards (NSC 02/TC 1) which developed this Malaysian Standard consists of representatives from the following organisations:

Department of Chemistry Malaysia  
Department of Standards Malaysia (Secretariat)  
Forest Research Institute Malaysia  
Free the Seed Sdn Bhd  
GS Paperboard and Packaging Sdn Bhd  
Malaysia Paper Association  
Malaysian Pulp and Paper Manufacturers Association  
Muda Paper Mills Sdn Bhd  
Nibong Tebal Paper Mill Sdn Bhd  
SIRIM QAS International Sdn Bhd  
Universiti Kebangsaan Malaysia  
Universiti Sains Malaysia

## Foreword

This Malaysian Standard was developed by the Technical Committee on Pulp, paper and boards (NSC 02/TC 1) under the authority of the National Standards Committee on Chemicals and Materials (NSC 02).

This second revision of MS 1288 cancels and replaces MS 1288:2012, *Photocopy paper – Specification (First revision)*.

Major modifications in this revision are as follows:

- a) the scope has been added in the application to coloured photocopy;
- b) the list of “Normative references” in Clause 2 have been added;
- c) incorporation of new clause on “Terms and definitions” in Clause 3;
- d) specific requirement of “Moisture content” in 5.7 has been revised to not more than 6 %;
- e) specific requirement of “Ash content” in 5.8 has been added to not more than 25 %;
- f) general requirements of “Furnish” in 4.5 has been revised to separate between secondary fibres and optical brighteners;
- g) incorporation of the requirements for moisture proof wrapping paper;
- h) specific requirements for ISO brightness have been revised to more than 70 %; and
- i) incorporation of an annex on “Principle for contact angle measurement” in Annex B.

Compliance with a Malaysian Standard does not of itself confer immunity from legal obligations.