

SS 350:1990(2022)
(ICS 67.060)

SINGAPORE STANDARD

Specification for semolina

Confirmed and classified as a mature standard 2022

SS 350:1990(2022)
(ICS 67.060)

SINGAPORE STANDARD
Specification for semolina

Published by Enterprise Singapore

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilised in any form or by any means, electronic or mechanical, including photocopying and microfilming, without permission in writing from Enterprise Singapore. Request for permission can be sent to: standards@enterprisesg.gov.sg.

© Enterprise Singapore 1990

ISBN 9971-67-395-9

Acknowledgements

The confirmation of this Singapore Standard and classifying it as a mature standard was approved on 6 October 2022 by the Food Standards Committee (FSC) under the purview of the Singapore Standards Council.

FSC consists of the following members:

	Name	Representation
Chair	: Dr Allan Lim	<i>Individual Capacity</i>
Deputy Chair	: Dr Tan Lee Kim	<i>Singapore Food Agency</i>
Secretary	: Mr Chew Chon Mun	<i>Singapore Manufacturing Federation – Standards Development Organisation</i>
Members	: Mr Ang Khim Wee	<i>Singapore Food Manufacturers’ Association</i>
	Ms Cyndy Au Sook Sum	<i>Danisco Singapore Pte Ltd</i>
	Ms Michelle Bin	<i>Innovate 360</i>
	Mr David Chai	<i>Food Innovation Resource Centre</i>
	Mr Andrew Chan	<i>Restaurant Association of Singapore</i>
	Prof William Chen	<i>Nanyang Technological University, Singapore</i>
	Mr Cheong Chung Kin	<i>Singapore Manufacturing Federation</i>
	Mr Chew Chee Bin	<i>Singapore Agro-Food Enterprises Federation Limited</i>
	Ms Chong Nyet Chin	<i>NTUC Fairprice Co-operative Ltd</i>
	Dr Steven Fong	<i>Republic Polytechnic</i>
	Ms Lauren Goi	<i>Tee Yih Jia Food Manufacturing Pte Ltd</i>
	Assoc Prof Ralph Graichen	<i>Biomedical Research Council</i>
	Mr Richard Khaw	<i>Nanyang Polytechnic</i>
	Ms Melissa Koh	<i>Health Promotion Board</i>
	Mr Matthew Kovac	<i>Food Industry Asia</i>
	Ms Nichol Ng	<i>Foodservices Inc.</i>
	Ms Nurul Hidayah	<i>Majlis Ugama Islam Singapore</i>
	Mr Ong Boon Hock	<i>Commonwealth Capital Pte Ltd</i>
	Dr Benjamin Smith	<i>Future Ready Food Safety Hub</i>
	Ms Bernice Tay	<i>Enterprise Singapore</i>
	Dr Wuang Shy Chyi	<i>Temasek Polytechnic</i>
	Ms Lianey Yeap	<i>SATS Ltd</i>
	Prof Zhou Weibiao	<i>National University of Singapore</i>
Co-opted Member	: Dr Diana Chan	<i>Individual Capacity</i>

The Technical Committee on Food Products under FSC undertook the confirmation of this standard. The Technical Committee consists of the following members:

	Name	Representation
Co-Chairs	: Assoc Prof Graichen	<i>Individual Capacity</i>
	Ms Ong Moi Kim	<i>Individual Capacity</i>
Secretary	: Ms Sharene Toh	<i>Singapore Manufacturing Federation – Standards Development Organisation</i>
Members	: Mr Ang Khim Wee	<i>Singapore Food Manufacturers' Association</i>
	Ms Chong Nyet Chin	<i>NTUC Fairprice Co-operative Ltd</i>
	Dr Gan Heng Hui	<i>Nanyang Polytechnic</i>
	Ms Verleen Goh	<i>Alchemy Foodtech Pte Ltd</i>
	Dr Leong Lai Peng	<i>National University of Singapore</i>
	Ms Evelyn Ong	<i>Food Innovation Resource Centre</i>
	Ms Eunice Pang	<i>Health Promotion Board</i>
	Mr Thomas Pek	<i>Tai Hua Food Industries Pte Ltd</i>
	Ms Claire Ariela Shen	<i>Singapore Manufacturing Federation</i>
	Ms Sng Mui Tiang	<i>SETSCO Services Pte Ltd</i>
	Ms Teo Siok Lay	<i>Malaysia Dairy Industries Pte Ltd</i>
Ms Adelene Yap	<i>Singapore Food Agency</i>	

SS 350 : 1990

This Singapore Standard having been approved by the Food Product Standards Committee was endorsed by the Standards Council on 29 June 1990.

First published, 1990

The Food Product Standards Committee appointed by the Standards Council consists of the following members:

	Name	Organisation
Chairman	: Mr Wong Mong Hong	Standards Council
Deputy Chairman	: Dr Vincent Yeo	Singapore Institute of Standards and Industrial Research
Secretary	: Miss Ida Tan	Singapore Institute of Standards and Industrial Research
Members	: Mr R Alagirisamy	Central Supplies Department
	Mr Ivan C Baptist	Consumers' Association of Singapore
	Mr Chia Hong Kuan	Ministry of the Environment
	Mr Chia Weng Kaye	Singapore Food Manufacturers' Association
	Mr Chisty S A Saleem	The Singapore Malay Chamber of Commerce
	Dr Chua Sin Bin	Primary Production Department
	Mr Francis Goh	Association of Small and Medium Enterprises
	Dr Kwok Kain Sze	Singapore International Chamber of Commerce
	Mr Lim Kay Kong	Singapore Institute of Food Science and Technology
	Dr Sam Cheuck Tatt	Department of Scientific Services
	Mr Kantilal J Shah	Singapore Indian Chamber of Commerce
	Mr Tan Jin Soon	Singapore Manufacturers' Association
	Mr Tan Khieng Sin	Singapore Chinese Chamber of Commerce
	Mrs Tan Wei Ling	Ministry of Health
	Mr Teo Hee Peng	Ministry of Defence
	Mr Charles Yeo	Singapore Manufacturers' Association

The Technical Committee appointed by the Food Product Standards Committee and responsible for the preparation of this standard consists of representatives from the following organisations:

	Name	Organisation
Chairman	: Mr Yeow Chee Tiong	Individual Capacity
Secretary	: Mrs Rosalind Tan-Yio Siok Hui	Singapore Institute of Standards and Industrial Research
Members	: Mr R Alagirisamy	Central Supplies Department
	Mr Micheal Choong Yew Fook	Khong Guan Flour Milling Ltd
	Mr Chu Sin-I	Ministry of the Environment
	Mrs Loo-Teong Bee Ling	Singapore Institute of Standards and Industrial Research
	Dr B Rachman	Prima Ltd (Flour Mills)
	Mr Tan Chong Meng	Singapore Food Manufacturers' Association
	Ms Wong Yuet Mai	Singapore Manufacturers' Association

CONTENTS

	Page
Foreword - - - - -	4

SPECIFICATION

1. Scope - - - - -	5
2. Requirements - - - - -	5
3. Sampling - - - - -	5
4. Tests - - - - -	6
5. Packaging - - - - -	6
6. Marking - - - - -	6

APPENDICES

A. Determination of crude protein – Kjeldahl method - - -	7
B. Determination of moisture – Air-oven method - - -	9
C. Determination of ash – Basic method - - -	10
D. Granularity test – Sieve method - - -	11

SINGAPORE STANDARD
SPECIFICATION FOR SEMOLINA

FOREWORD

This Singapore Standard was drawn up by the Technical Committee on Specifications for Flour under the direction of the Food Product Standards Committee.

In preparing this standard, reference was made to the following overseas publications:

1. Indian Standard 1010 : 1968 Semolina
2. Approved Methods of the American Association of Cereal Chemists (1969)
3. Official Methods of Analysis of the Association of Official Analytical Chemists, 15th Edition, 1990

Acknowledgement is made for the use of information from the above references.

Attention is drawn to the possibility that some of the elements of this Singapore Standard may be the subject of patent rights. Enterprise Singapore shall not be held responsible for identifying any or all of such patent rights.

NOTE

1. *Singapore Standards (SSs) and Technical References (TRs) are reviewed periodically to keep abreast of technical changes, technological developments and industry practices. The changes are documented through the issue of either amendments or revisions.*
2. *An SS or TR is voluntary in nature except when it is made mandatory by a regulatory authority. It can also be cited in contracts making its application a business necessity. Users are advised to assess and determine whether the SS or TR is suitable for their intended use or purpose. If required, they should refer to the relevant professionals or experts for advice on the use of the document. Enterprise Singapore shall not be liable for any damages whether directly or indirectly suffered by anyone or any organisation as a result of the use of any SS or TR.*
3. *Compliance with a SS or TR does not exempt users from any legal obligations.*