



**International
Standard**

ISO 8606

**Fibre-reinforced plastics — Bulk
moulding compound (BMC) and
dough moulding compound (DMC)
— Requirements and specifications**

*Plastiques renforcés de fibres — Préimprégnés en masse BMC et
DMC — Exigences et spécifications*

**Second edition
2025-07**

Itch Standards
(<https://standards.itch.ai>)
Document Preview

[ISO 8606:2025](https://standards.itch.ai/catalog/standards/iso/7dcda32e-c2d5-44ef-af63-68e97342433c/iso-8606-2025)

<https://standards.itch.ai/catalog/standards/iso/7dcda32e-c2d5-44ef-af63-68e97342433c/iso-8606-2025>

iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

ISO 8606:2025

<https://standards.iteh.ai/catalog/standards/iso/7dcda32e-c2d5-4aef-af63-68e97342433c/iso-8606-2025>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2025

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

Contents

Page

Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Classification of BMC and DMC	3
4.1 General	3
4.2 Classification based on composition	3
4.2.1 Resin (matrix)	3
4.2.2 Reinforcement(s)	4
4.2.3 Other components	4
4.2.4 Recycling	4
4.3 Classification based on linear shrinkage	4
4.3.1 General-purpose BMC or DMC	4
4.3.2 Low-shrink BMC or DMC	5
4.3.3 Very-low-shrink (low profile) BMC or DMC	5
4.3.4 Zero-shrink BMC or DMC	5
5 Designation of BMC and DMC	5
5.1 General	5
5.2 Examples of designations	5
6 Properties	6
6.1 General	6
6.2 Properties to describe BMC or DMC (for the acceptance test)	6
6.2.1 Physical and chemical properties	6
6.2.2 Appearance	6
6.3 Properties to describe moulded specimens	7
6.3.1 General	7
6.3.2 Mechanical properties	7
6.3.3 Physical properties	7
6.3.4 Electrical properties	7
7 Sampling	8
7.1 Sampling procedure	8
7.2 Conditioning of sample	8
8 Shelf life	8
9 Packaging and marking	8
9.1 Packaging	8
9.2 Marking	8
Bibliography	10