ISO 9185:2025-09 (E)

Protective clothing - Assessment of resistance of materials to molten metal splash

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Principle 1

5 Apparatus and materials 2

6 Conditioning 6

7 Preparation of test specimens 6

8 Operator safety 7

9 Procedure 7
9.1 Setting up the apparatus 7
9.2 Preparation of molten metal or cryolite 7
9.3 Attachment of test material to specimen holder 7
9.4 Pouring 7
9.4.1 Pouring of molten metal 7
9.4.2 Pouring of molten cryolite 7
9.4.3 Additional procedures 8
9.5 Examination 8
9.6 Determination of mass of metal poured 8

10 Testing procedures 8
10.1 Iterative testing procedure 8
10.2 Performance level-based testing procedure 8

11 Void tests 9

12 Test report 9

Annex A (normative) Test conditions for certain metals and for cryolite 10

Annex B (normative) Method of test for assessment of thermal characteristics of PVC sensor film 11

Annex C (informative) Assessment of "damage" to the PVC sensor film 12

Bibliography 15