ISO 11403-3:2021 (E)

Plastics — Acquisition and presentation of comparable multipoint data — Part 3: Environmental influences on properties

Contents

Foreword

Introduction

1 Scope

2 Normative references

3 Terms and definitions

4 Specimen preparation

5 Conditioning

6 Test requirements

- 6.1 General
- 6.2 Indicative properties and indicative data
- 6.3 Test specimens
- 6.4 Test speed
- 6.5 Prolonged exposure to heat: ISO 2578
- 6.6 Liquid chemicals
- 6.7 Environmental stress cracking under constant tensile stress: ISO 22088[10]
- 6.8 Artificial weathering: ISO 4892-2
- 6.9 Set of exposure conditions 1: Open air
- 6.10 Set of exposure conditions 2: Behind glass, low temperature
- 6.11 Set of exposure conditions 3: Behind glass, high temperature

7 Presentation of data

8 Precision

Annex A (informative) Information relating to certain test requirements

- A.1 Overview
- A.2 Indicative properties
- A.3 Specimen preparation
- A.4 Artificial-weathering tests
- A.5 Environmental stress cracking (ESC) resistance
- A.6 Test specimens for ESC tests

Annex B (normative) Chemicals for chemical resistance and environmental stress cracking resistance tests

Page count: 15