ISO 20329:2020 (E)

Plastics — Determination of abrasive wear by reciprocating linear sliding motion

Contents

Foreword

Introduction

1 Scope

2 Normative references

3 Terms and definitions

4 Principle

5 Apparatus

5.1 Test apparatus
5.2 Abrasive material
5.3 Balance

6 Test specimens

6.1 Test specimens
6.2 Conditioning

7 Procedures

7.1 Abrasive and load selection
7.2 Preparation and installation of the wheel
7.3 Adjustment of loading system
7.4 Test atmosphere
7.5 Procedure of the preliminary abrasion
7.6 Procedure of the main test
7.7 Test for the remaining specimens

8 Evaluation of the main test

8.1 Wear mass
8.2 Wear resistance
8.3 Specific wear rate

9 Precision

10 Test report

Annex A (informative) Precision

A.1 Definitions and information
A.2 Precision data

Annex B (informative) Typical test apparatus

Annex C (informative) Linear relationship between number of reciprocations and wear mass

Page count: 14