

Rubber, vulcanized or thermoplastic — Determination of permeability to gases

ICS 83.060

National foreword

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A list of organizations represented on PRI/22 can be obtained on request to its secretary.

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*Caoutchouc vulcanisé ou thermoplastique — Détermination de la
perméabilité aux gaz*



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Contents

Page

Foreword.....	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions.....	1
4 Principle	1
5 Apparatus	2
6 Test pieces	4
6.1 Shape and dimensions.....	5
6.2 Number of test pieces	5
7 Time between vulcanization and testing.....	5
8 Temperature of test	6
9 Test procedure	6
9.1 General.....	6
9.1.1 Preparation of test piece.....	6
9.1.2 Setting up the apparatus.....	6
9.1.3 Conditioning the test cell.....	6
9.1.4 Determination of cross-sectional area of capillary tube.....	7
9.2 Determination of flow rate	8
9.3 Determination of $(V_2p_2 - V_1p_1)$	9
9.3.1 Procedure A: Horizontal capillary tube method	9
9.3.2 Procedure B: Vertical capillary tube method	10
10 Expression of results	12
11 Test report	13

Foreword

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ISO 2782 was prepared by Technical Committee ISO/TC 45, *Rubber and rubber products*, Subcommittee SC 2, *Testing and analysis*.

This third edition cancels and replaces the second edition (ISO 2782:1995), which has been revised to update the normative references (ISO 471 and ISO 3383 have been replaced by ISO 23529).

Introduction

The measurement of the permeability of rubber to gases is important in the evaluation of compounds for products such as inner tubes, tubeless-tyre liners, hoses, balloons and other gas containers, seals and diaphragms. The measurement is also of theoretical importance in the study of the characteristics of gas diffusion and gas solubility in relation to polymer structure.

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