ISO 6621-5:2013-10 (E)

Internal combustion engines - Piston rings - Part 5: Quality requirements

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 2

4 Visible defects 2
4.1 General 2
4.2 Pores, cavities, and sand inclusions 2
4.3 Scratches, indentations, depressions, and cracks 3
4.4 Edges 3
4.5 Other characteristics subject to visual inspection only 10

5 Material 11
5.1 Specifications 11
5.2 Loss of tangential force under temperature effects 11

6 Raised material caused by marking of rings 11

7 Machiningofperipheryandsides--Unintentionaldeviationfromidealprofile andflatness 12
7.1 General 12
7.2 Permissible deviations for peripheral surface profile 12
7.3 Permissible helix 13

Bibliography 14