
Rare earth — Vocabulary —

Part 1:

Minerals, oxides and other compounds

Terres rares — Vocabulaire —

Partie 1: Minéraux, oxydes et autres composants





COPYRIGHT PROTECTED DOCUMENT

© ISO 2020

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Terms related to rare earth minerals and ore	4
4.1 Rare earth minerals.....	4
4.2 Rare earth ores and concentrate.....	5
5 Terms related to rare earth oxides and other compounds	6
5.1 General terms.....	6
5.2 Rare earth compounds.....	6
6 Terms related to the rare earth production process	9
6.1 Production of rare earth concentrate.....	9
6.2 Rare earth hydrometallurgy.....	9
Annex A (informative) Characteristics of rare earth elements and individual rare earth oxides	10
Bibliography	13