

ISO 8894-1:2010-04 (E)

Refractory materials - Determination of thermal conductivity - Part 1: Hot-wire methods (cross-array and resistance thermometer)

Contents		Page
Foreword		iv
1	Scope	1
2	Terms and definitions	1
3	Principle	2
4	Apparatus	2
5	Test pieces	8
6	Procedure	9
7	Assessment of results	10
8	Calculation and expression of results	11
9	Precision	11
10	Test report	11
Annex A (informative) Data conversion of change in resistance to change in temperature		13
Annex B (informative) Examples of thermal conductivity measurements		18