

813 ;

A

080502

10

3

30

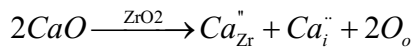
NaCl

AB

4

CaO

ZrO₂



5

4

20

1

- A. 3 7 14 32 230
- B. 3 7 32 14 230
- C. 3 7 14 32 320
- D. 3 7 32 14 320

2

Z

- A.2
- B.3
- C.6
- D.4

3

$\Delta = (r_1 - r_2) / r_1 < 15\%$

- A.
- B.
- C.
- D.

4 Fe_{1-x}O

- A.1/3
- B.1/4
- C.1/5
- D.1/6

5

-

-

-

x/r t

A. $\frac{x}{r} \propto t^{\frac{1}{3}}$

B. $\frac{x}{r} \propto t^{\frac{2}{5}}$

C. $\frac{x}{r} \propto t^{\frac{1}{6}}$

D. $\frac{x}{r} \propto t^{\frac{1}{5}}$

5

5

25

1

2

3

4

5

3

5

15

1.

-

2.

3.

4

5

20

1. CaTiO₃

O²⁻

2.

Zn_{1+x}O

3. Al₂O₃ SiO₂

210KJ/mol

1400 1

10% 1500 1 4

4. Zn²⁺ ZnS

563

3×10⁻⁴cm²/s 450

1.0×10⁻⁴cm²/s (1

D₀ (2 750 3

1

10

10

2

30

1. 10

1

KF-BaTiO₃

KF

850

BaTiO₃

1612

833

