

Oreworld trade (Tangshan) co., Ltd.

# Pre-melting calcium aluminate

## Description of the pre-melting calcium aluminate

Pre-melting calcium aluminate for refined steel-making is newly developed by our company. It is produced by selecting material of high quality, melting the material in electro-furnace, cooling, crashing and screening into different sizes.

### Character & uses for the Pre-melting calcium aluminate

Low Melting Point and good fluidity

Quick melting speed, good liquidity and good lubrication make the desulphurization more efficiency.

Excellent security

It is mainly used for desulphurization and temperature preservation in high quality steel-making.

### Size of the Pre-melting calcium aluminate

 $1 \sim 30$ mm or produce according to clients requirements

### Specifications of the pre-melting calcium alumiante:

|       | Al <sub>2</sub> O <sub>3</sub> | CaO | SiO <sub>2</sub> | CaF <sub>2</sub> | Fe <sub>2</sub> O <sub>3</sub> | MgO        | Moistur<br>e (%) |
|-------|--------------------------------|-----|------------------|------------------|--------------------------------|------------|------------------|
| JCA40 | ≥40                            | ≥40 | ≤5               | ≤3               | ≤1.5                           | <u>≤</u> 4 | ≤0.5             |
| JCA35 | ≥35                            | ≥45 | ≤5               | ≤3               | ≤1.5                           | ≤4         | ≤0.5             |
| JCA30 | ≥30                            | ≥50 | $\leq 8$         | ≤4               | ≤2                             | ≤8         | ≤0.5             |
| JCA25 | ≥25                            | ≥55 | $\leq 8$         | <u>≤</u> 4       | ≤2                             | ≤8         | ≤0.5             |

### Package of the Pre-melting calcium aluminate

1000kgs per big bag. <u>Calcium aluminate suppliers</u>: Other packing according to the demand of a customer.