

# Ladle Shroud



Honsin Group supplies different categories Ladle Shroud such as :

- reheating type
- non-preheating type
- argon blowing type and not argon blowing type

Different kinds of materials have been rigorously selected, tested to offer our customers the most adapted solution for their Tundish conditions :

- aluminum carbon
- aluminum-zirconium carbon
- aluminum-magnesia carbon

This product is provided with good molten steel washing resistance performance and molten steel erosion performance under the end user's real condition. It has been designed to effectively prevent oxidation of air to molten steel and its spatter.

## Typical

# product characteristics tables :

| Item                             |   | HSLT-A |           | HSLT-B |           |    |
|----------------------------------|---|--------|-----------|--------|-----------|----|
|                                  |   | Body   | Slag Line | Body   | Slag Line |    |
| Al <sub>2</sub> O <sub>3</sub>   | % | ≥      | 46        | □      | 36        | □  |
| C+SiC                            | % |        | 25        | 15     | 30        | 17 |
| MgO                              | % |        | □         | 75     | □         | □  |
| ZrO <sub>2</sub>                 | % |        | □         | □      | □         | 72 |
| Apparent porosity ≤              |   | 20     | 19        | 20     | 18        |    |
| Crushing strength Mpa ≥          |   | 20     | 18        | 20     | 17        |    |
| Modulus of rupture ≥             |   | 6      | 6         | 6      | 6         |    |
| Bulk density g/cm <sup>3</sup> ≥ |   | 2.46   | 2.65      | 2.25   | 3.1       |    |
| Resistance ≥                     |   | 5      | 5         | 5      | 5         |    |