

## CCEWOOL® HTIW Shapes for the Aluminum Casting Industry

CCEWOOL® HTIW Shapes for the Aluminum Casting Industry are high-performance, vacuum-formed ceramic fiber products made from premium ceramic fiber cotton. They are specifically designed to meet the unique thermal management needs of the aluminum casting industry. These shapes are customizable with different binders and additives to meet various performance requirements.



### Aluminum Industry Plug

Temperature: 1260°C

Density: 280-300 kg/m<sup>3</sup>

Industry: Aluminum Melting, Aluminum Casting

Application: Aluminum liquid outlet sealing

### Characteristics:

Low Shrinkage;

High Insulation;

Lightweight & Impact-Resistant;

Wear & Erosion Resistance;

Non-Wettability with Molten Metals.

### Application:

**Casting Molds:** HTIW Shapes are used to create molds and cores for aluminum casting, offering excellent insulation to reduce energy consumption and ensure consistent mold temperatures.

**Casting Ladles & Troughs:** Used as linings in ladles and troughs, these shapes effectively protect the equipment from high temperatures and molten aluminum, extending service life.