



# BENTONITE FOR FOUNDRY USE HI-30E

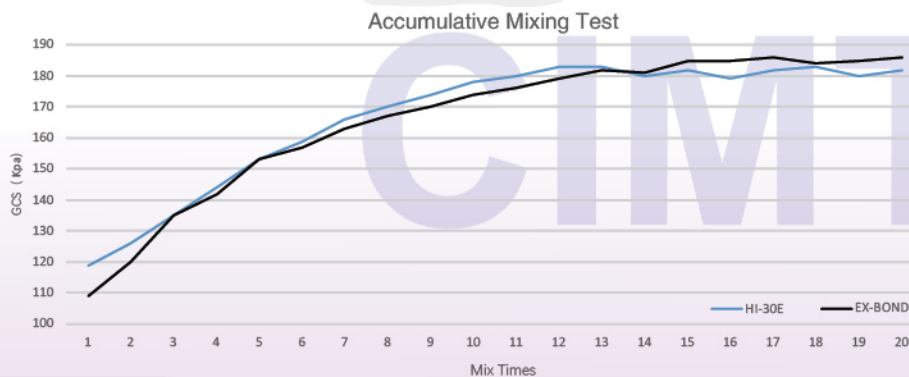
It is made by mixing high-quality natural sodium bentonite from Wyoming and high-performance bentonite from China, used as a binder for green sand.

## 【 Features and Benefits 】

- Exhibit high Green Compression Strength & Wet Tensile Strength, after mixing, GCS can keep increasing and maintain at a high level.
- Good performance, high residual rate of burning loss after pouring, bentonite addition is reduced.
- Exhibit good durability.
- Exhibit good flowability and molding performance.
- Exhibit good collapsibility.

## 【 Physical Properties 】

Item	Standard Value	Test Value
Moisture (%)	12.0 max	8.8
Methylene Blue ( mmol/100g )	100 min	102
Swell Value (ml/2g)	18 min	21
Particle Size (% / passing 200 mesh)	80.0 min	82.3
Bulk Density(g/cm <sup>3</sup> )	0.55 ~ 0.85	0.64



MB residual rate ( % )

Product	Temp	
	500°C	600°C
HI-30E	94	72
HI-BOND+	93	70
EX-50F	93	75
S-BOND	92	57

## 【 Package 】

- 25kg Paper bag
- 1,000kg or 1,100kg Jumbo bag