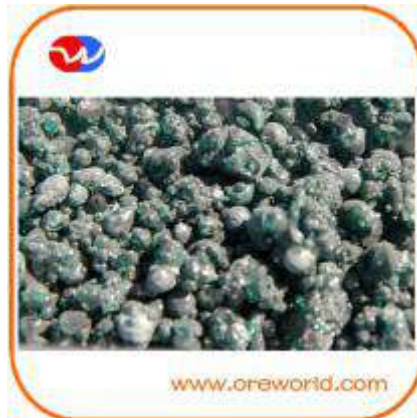




Oreworld trade (Tangshan) co., Ltd.

## Amorphous calcium aluminate



### Product Details:

The mineral of [amorphous calcium aluminate](#) (non-crystalline calcium aluminate) is C12A7. The alumina content is about 50%. However, the appearance of amorphous calcium aluminate is different from crystalline calcium aluminate or CA. It looks like greenish (or a little blue color mixed) semi-transparent beads. Generally, the grains are ground into fine powders. The Amorphous calcium aluminate powder and OPC (ordinary Portland cement) and CSA cement are formulated into Rapid-hardening Mortar and Self-leveling mortar etc. With good performance of rapid strength and little dry shrinkage.

### Application of the Amorphous Calcium Aluminate:

Shotcrete

Concrete accelerator

Rapid setting, rapid hardening cement

Concrete ground hardening

Rapid-hardening Mortars and Self-leveling mortars etc.

### Specifications for the ACA

Item	AL <sub>2</sub> O <sub>3</sub>	CAO	SIO <sub>2</sub>	FE <sub>2</sub> O <sub>3</sub>	MG O	TIO <sub>2</sub>	SO <sub>3</sub>	SSA
ACA-1	>45%	>48%	<4%	<2.0%	<2%	<2.0 %	<0.2 %	5200CM <sup>2</sup> / G
ACA-2	35-45 %	50-55%	<5%	<2.0%	<2%	<2.0 %	<0.2 %	5200CM <sup>2</sup> / G



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If you have special requirement of chemical composition, we can adjust.

### **Amorphous calcium aluminate Packing:**

By jumbo bags.

Store in shady, cool and dry place. Avoid damp and mix with other substance