

# AnTec C-90

## Aluminum Silicate

### Product Description

AnTec C-90 is a pure aluminum silicate with ultra-high brightness and finer particle size. It features excellent opacity, strong tint strength, low residue and easy dispersion.

### Application information

AnTec C-90 is specially designed for coating industry with ultra-high brightness and particle size distribution. While impacting opacity to coatings, it can improve gloss, brushability and stability of coating, enable non-separation of layers after long storage, therefore preventing flooding and floating problem. It can also enhance film mechanical properties and moist-proof ability as well as impact resistance of coatings system. AnTec C-90 plays a role in shielding UV, improving coatings properties like weather fastness, anti-corrosion, heat resistance, acid and alkali resistance, etc.

Typical Properties	
Physical Form	Highly Pulverized Powder
GE Brightness (%)	97 Min.
ISO Brightness (%)	95 Min.
Screen Residue, 325 Mesh (%)	0.005 max.
Free Moisture @ 105 deg C (%) as produced	0.5 max.
pH (28% solids)	5.0-7.0
Specific Gravity (g/cm <sup>3</sup> )	2.63
Sedigraph Particle Size (%<2μm)	80±2
Oil Absorption (g/100g )	60-70
Bulk Density (kg/m <sup>3</sup> )	420
Hegman	4.0 Min.

Chemical Component (%)							
SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	K <sub>2</sub> O	Na <sub>2</sub> O	CaO	MgO
52.0±1	45.0±1	≤0.50	≤0.80	≤0.10	≤0.20	≤0.50	≤0.20

**Anpeak Specialty Minerals Co., Ltd. is ISO-9001-2008 certified.**

The above typical properties are for general information only and should not be used for specification purposes. Performance characteristics may vary depending on specific application. All products should be tested in customer's formulation prior to use.

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