

# AnTec X-50

## Ultrafine Calcined Kaolin

### Product Description

AnTec X-50 is a specially designed calcined kaolin for plastics and rubber with high brightness and ultrafine particle size. It features high purity, low heavy metal content, low residue and excellent dispersion.

### Application information

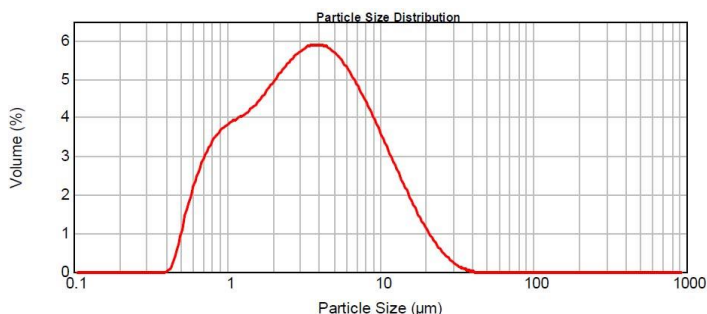
When used in IIR, AnTec X-50 can improve mechanical properties like tensile strength and modulus without any negative impact to hardness. It also helps shielding UV, improving weather fastness, anti-corrosion, heat resistance, acid and alkali resistance, etc.

### Typical Properties

Physical Form	Powder
ISO Brightness (%)	>92
Screen Residue, 325 Mesh (%)	<0.005
Free Moisture @ 105 deg C (%) as produced	<0.5
pH (28% solids)	5.0-7.0
Specific Gravity (g/cm <sup>3</sup> )	2.63
D50 (By Malvern PSD analyzer) (μm)	3.31
Oil Absorption (g/100g)	45
Bulk Density (kg/m <sup>3</sup> )	550
Hegman	>4.0

### Chemical Components (%)

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 and ISO 14001 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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