







Dental Gypsum

High Strength

Dental Gypsum, also known as dental plaster or stone, is a form of calcium sulfate used in dentistry for various purposes, such as creating models of teeth and jaws, making casts for crowns and bridges, and holding dentures in place.

It is a white powder that, when mixed with water, forms a solid and hard mass.

Intended Use

We provide type III and IV of dental stone, each with specific properties and uses. Here are some key points about Dental Gypsum:

Type III: This is the most common type of dental stone, and it is used for a wide variety of purposes, such as making casts for dentures, inlays, and onlays.

Type IV: This is the strongest type of dental stone, and it is used for making casts that will be subjected to a lot of stress, such as implant abutments.

Specifications

·ltem Dental Gypsum/Dental Stone/Dental Plaster/Gypsum Stone

·Material Gypsum

•Type Hard(Type III), Super hard(Type IV)

·Appearance Powder

·Color White, Red, Yellow, Blue, Orange

·Odor Weak fragrance odor

·Feature High Strength

·Application Dental Mold/ Casting Mold

·Shelf-Life 2years



Technical Data Sheet



Composition (%w/w)

Chemical name	CASNo.	Content (%)
Calcium sulfate dihydrate	10101-41-4	100%
Note: CASNo.is Chemical Abstract Service Registry Number.		

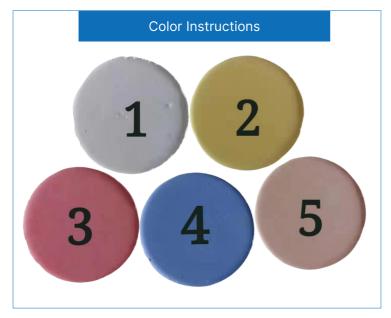


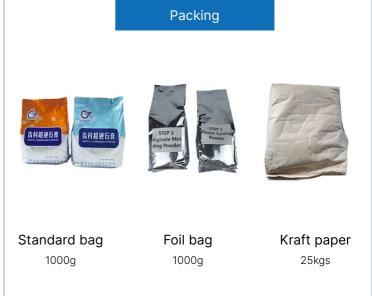
Physical/Mechanical Properties: (Typical Values)

Test Item	Hard(Type 3 / III)	Super Hard(Type 4 / IV)
Mixting Ration	100g powder : 35ml water	100g powder : 30ml water
Mixing Time	30-60"	30-60"
Setting Time	5-8 min	6-10 min
Solidification Time	> 30min	> 30min
Compressive Strength(MPa)	≥35MPa	≥37MPa
Line inflation(%)	0-0.2%	0-0.15%

Application







Packing Details

Package: 1000g/bag, 25kg/bag or other your requirements

Packing: 15 bags/ctn(1000g) Carton size: 360*315*150mm

G.W/N.W: 16/15kgs

