



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

·Item	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





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)
Mixing 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



Color Instructions



Packing



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

