

Hydroxyapatite Powder



NS6130-05-566

APS
10-15 μm



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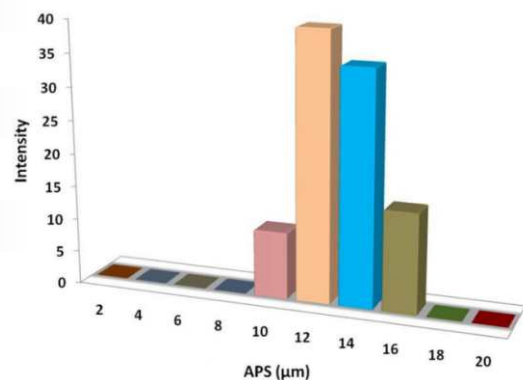
Hydroxyapatite Powder

Hydroxyapatite Powder Biological standpoint, the bones are defined as connective tissue and their function as a structural component of the human body are well known, serves to support, protect delicate parts and organs and provides a connection between the muscles, allowing movement.

Hydroxyapatite is chemically similar to the mineral component of bones and hard tissues in mammals. It is one of few materials that are classed as bioactive, meaning that it will support bone ingrowth and osseointegration when used in orthopaedic, dental and maxillofacial applications.

Quick Facts

Product	:	Hydroxyapatite Powder
Stock No	:	NS6130-05-566
CAS	:	1306-06-05
Purity	:	>99.99%
Color	:	White/off white
Form	:	Powder



Technical Specification

Formula	APS	Melting Point
$\text{HCA}_5\text{O}_{13}\text{P}_3$	10-15 μm	1100 °C

Chemical Composition

Product	Weight Percent (nominal)	
	$\text{HCA}_5\text{O}_{13}\text{P}_3$	Other Metal
Hydroxyapatite Powder	>99.99%	0.1%

Applications

- Bioceramic Coatings
- Bone Fillers

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20ZICE4589C



19ZAZGO1274G



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