

162.14 G/Mol Molecular Weight Tablet Disintegrant Purity >99%



Product Specification

• Volatile:	Not Volatile
• Einecs:	618-384-9
Applications:	Thickening Agent, Film-forming Agent, Binder, And More
Purity:	>99%
Functional Groups:	Hydroxyl, Carboxyl, And Ether Groups
Molecular Formula:	C6h7o2(Oh)2CH2coona
Molecular Weight:	162.14 G/mol
Compatibility:	Compatible With A Wide Range Of Other Materials
 Highlight: 	162.14 G/Mol Molecular Weight Tablet Disintegrant , 99% Tablet Disintegrant, 162.14 G/Mol Molecular Weight Disintegrating Tablet

Product Description:

One of the key attributes of Cellulose Derivatives is its non-volatile nature, which makes it suitable for applications where volatility is a _____ concern. This characteristic ensures stability and consistency in formulations that require a reliable material.

With a melting point ranging from 200-300°C, Cellulose Derivatives exhibit thermal stability, allowing them to withstand high temperatures during processing or application. This property enhances the product's usability in different manufacturing processes.

Cellulose Derivatives contain various functional groups, including hydroxyl, carboxyl. These functional groups contribute to the product's versatility and compatibility with a wide range of substances, making it a preferred choice for formulators seeking flexibility in their formulations.

The model number of Cellulose Derivatives ranges from 800 to 12000, reflecting the different grades and specifications available to meet specific application requirements. This range allows for customization and optimization based on the desired characteristics of the final product.

Cellulose Derivatives, often referred to as MCC (microcrystalline cellulose), are commonly used in various industries, including pharmaceuticals, food, and cosmetics. In the pharmaceutical industry, MCC is widely utilized as a tablet disintegrant, aiding in the rapid breakdown of tablets upon ingestion, ensuring efficient drug release and absorption.

In summary, Cellulose Derivatives offer a combination of unique properties, including non-volatility, high melting point, versatile functional groups, and a wide range of model numbers, making them a valuable material in different applications. Whether used as MCC in pharmaceutical formulations or for other industrial purposes, Cellulose Derivatives provide reliability, stability, and performance, meeting the diverse needs of formulators and manufacturers.

Features:

Product Name: Cellulose Derivatives State: Powder Cas No: 9004-34-6 Molecular Formula: C6H7O2(OH)2CH2COONa Usage: Tablet Binders And Disintegrants Functional Groups: Hydroxyl, Carboxyl

Applications:

HPMC, a cellulose derivative product, is a versatile material that finds application in various industries due to its unique properties. Originating from China, HPMC has a molecular weight of 162.14 G/mol and a molecular formula of C6H7O2(OH)2CH2COONA. Its Cas No is 9004-34-6.

One of the primary applications of HPMC is as a tablet disintegrant in pharmaceuticals. Its compatibility with a wide range of other materials makes it an ideal choice for formulating tablets that require rapid disintegration upon ingestion. HPMC helps in breaking down the tablet into smaller particles, allowing for better absorption of the active ingredients.

HPMC is also commonly used in conjunction with microcrystalline cellulose (MCC) in tablet formulations. MCC acts as a binder, while HPMC serves as a disintegrant, ensuring the structural integrity of the tablet while also facilitating its quick breakdown.

Furthermore, HPMC is widely employed in the food industry for its non-toxic nature. It is generally considered safe for use in food and pharmaceuticals, making it a preferred choice for various applications where safety is paramount.

In summary, HPMC, with its compatibility, non-toxicity, and effectiveness as a tablet disintegrant in combination with MCC, caters to a wide range of application scenarios in the pharmaceutical and food industries.

FAQ:

Q: What is the brand name of this cellulose derivatives product?

- A: The brand name is HPMC.
- Q: Where is this cellulose derivatives product manufactured?
- A: This product is manufactured in China.
- Q: What are the typical applications of this HPMC product?
- A: HPMC is commonly used in construction materials, pharmaceuticals, and personal care products.
- Q: Is this cellulose derivative product environmentally friendly?
- A: Yes, HPMC is biodegradable and considered environmentally friendly.
- Q: Can this HPMC product be used in food applications?
- A: Yes, HPMC is often used as a food additive and thickener in various food products.



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