

Celova[®] MFC Powder

Product description: Celova Microfibrillated Cellulose (MFC) is a natural, sustainable and biodegradable material that has the potential to replace fossil-based products in a wide range of applications. The material is produced by a purely mechanical process (patent pending) that uses cellulose pulp as a raw material. Celova's unique properties can improve product performance as well as add additional functionalities. Furthermore, it can be used as a process aid to increase efficiency in the manufacturing process.

CAS No: 9004-34-6, alternatively 65996-61-4
56-81-5

HS Code: 4703.2900

Commodity Name: Microfibrillated cellulose, cellulose microfibrils

The product is still in the development stage and the values given are preliminary.

Technical Specifications			
Parameter	Specification	Unit	Method
Form	powder	-	Internal method
Color	white to off white	-	Internal method
MFC content	40.0 - 60.0	%	Internal method
Residual moisture	≤10.0	%	Internal method
pH (@2% MFC content)	4 - 7	-	Internal method
Viscosity (@2% MFC content)	10 - 25	Pas	Internal method
Specific surface area	> 270	m ² /g	Internal method

Storage Conditions	
Storage	Store in a dry, cool place. Once opened packaging needs to be closed tightly to protect the product from humidity.
Shelf life	Up to two years from the date of production in original, sealed package.
Slight differences to the above given values may arise due to the natural origin of the products.	