

### Celova<sup>®</sup> 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

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 <sup>2</sup> /g	Internal method

Storage Conditions	
<b>Storage</b>	Store in a dry, cool place. Once opened packaging needs to be closed tightly to protect the product from humidity.
<b>Shelf life</b>	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.	