

Celova® MFC Powder

Commodity Name:	Microfibrillated cellulose, cellulose microfibrils
CAS No:	65996-61-4 (Cellulose Pulp), 56-81-5 (Glycerol)
HS Code:	4703.2900
Synonyms:	Cellulose microfibrils

Celova® Microfibrillated Cellulose (MFC) is a natural, sustainable and biodegradable material that serves as an alternative to synthetic ingredients, in a wide range of applications. The powder material is produced by a purely mechanical process (patent pending) that uses cellulose pulp as a raw material.

With a 45% MFC content, Celova® MFC Powder offers the most efficient logistics and broad use as multifunctional additive, dispersible in water or polar liquids for formulations in various industrial applications, including coatings, adhesives, biotechnology, liquid filtration, membranes, and films.

Technical Specifications

Parameter	Specification	Unit	Method
Form	powder	-	Internal method
Color	white to off white	-	Internal method
MFC content	40 - 60	%	Internal method
Residual moisture	≤ 10	%	Internal method
pH (@ 6%)	4 - 10	-	Internal method
Viscosity (@ 6%)	≥ 15	Pas	Internal method

Storage & Shelf Life

Storage Conditions: Store in a dry, cool place. Once opened packaging needs to be closed tightly to protect the product from humidity.

Shelf Life: 24 months from date of production in original sealed packages; it may be extended in 12-month increments upon requalification.

Packaging Types

Samples:	150 g bag
Commercial:	5 kg cardboard box