

## Celova® M250R-G

Commodity Name:	Microfibrillated Cellulose
CAS No:	65996-61-4 (Cellulose Pulp)
HS Code:	4703.2100
Synonyms:	Cellulose Microfibrils

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 gel-like 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.

Technical Specifications			
Parameter	Range	Unit	Method
Form	gel	-	Internal method
Color	white to light grey	-	Internal method
MFC content	2.5 – 3.5	%	Internal method
pH	4 – 8	-	Internal method
Viscosity	≥ 15	Pas	Internal method
Particle length, D <sub>50</sub> (dispersed in water)	6 - 9	µm	ISO 13322-2:2006-11

Storage Conditions	
<b>Storage</b>	Store in a dry, cool place but do not freeze. (5 – 15 °C)
<b>Shelf Life</b>	Up to 6 months 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.