

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	Specification	Unit	Method
Form	gel		Internal method
Color	white to light grey		Internal method
MFC content	2.5 - 3.5	%	Internal method
pH (@2% MFC content)	4 - 8		Internal method
Viscosity (@2% MFC content)	> 5000	mPas	Internal method
Specific surface area	230 - 280	m ² /g	Internal method
Particle length, D ₅₀	8 - 10	µm	ISO 13322-2:2006-11

Storage Conditions	
Storage	Store in a dry, cool place but do not freeze. (5 – 15 °C)
Shelf Life	Up to one year 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.