

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 gel-like material derived from cellulose pulp through a purely mechanical process (patent-pending). Its unique properties enhance product performance, add multifunctional benefits, and improve processing efficiency, all while serving as a natural alternative to synthetic ingredients.

With a 3% MFC content and a high degree of fibrillation, the Celova® M250R-G is designed for technical applications such as barrier coatings, adhesives, and membranes.

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	4 - 8	-	Internal method
Viscosity	≥ 15	Pas	Internal method
Particle length, D50 (dispersed in water)	6 - 9	µm	ISO 13322-2:2006-11

Storage & Shelf Life

Storage Conditions: Store in a dry, cool place but do not freeze (5 – 15 °C).

Shelf Life: Up to 6 months from the date of production in original, sealed package.

Packaging Types

Samples: 500 ml / 1000 ml bottle

Commercial: 30 kg PE drum / 1000 kg IBC container