

Celova® M280R-G

Commodity Name: Microfibrillated Cellulose
 CAS No: 65996-61-4 (Cellulose pulp)
 HS Code: 4703.2900
 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 the highest degree of fibrillation, the Celova® M280R-G is optimized for demanding technical applications, including coatings and embranes, where superior material performance and functional enhancement are required.

Technical Specifications

Parameter	Specification	Unit	Method
Form	gel	-	Internal method
Color	white to off white	-	Internal method
MFC content	2.5 - 3.5	%	Internal method
pH	4 - 8	-	Internal method
Viscosity	20 - 44	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