

Celova® M280R-G

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| 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 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 | | | |
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| Parameter | Range | 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, D ₅₀ (dispersed in water) | 6 - 9 | µm | ISO 13322-2:2006-11 |

| Storage Conditions | |
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| Storage | 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. |