

## TECHNICAL DATA SHEET

Carboxymethyl Cellulose (CMC) | CAS 9000-11-7

### 1. Product Identification

|                  |                                                         |
|------------------|---------------------------------------------------------|
| Product Name     | Carboxymethyl Cellulose (CMC)                           |
| CAS Number       | 9000-11-7                                               |
| Synonyms         | CMC, Sodium carboxymethylcellulose, E466, Cellulose gum |
| Category         | Polymer                                                 |
| Available Grades | Food Grade/Technical/High Viscosity/Low Viscosity       |
| HSN Code         | 3912.31                                                 |

### 2. Physical & Chemical Properties

|                   |                       |
|-------------------|-----------------------|
| Molecular Formula | Cellulose derivative  |
| Molecular Weight  | Variable              |
| Appearance        | White to cream powder |
| Density           | 0.75-0.85 kg/L        |
| Boiling Point     | N/A                   |
| Melting Point     | N/A                   |
| Flash Point       | None                  |
| Solubility        | Soluble in water      |

### 3. Applications

• Food thickener (E466) • Pharmaceutical binder • Detergent builder • Paper coating • Drilling fluid • Cosmetics

### 4. Industries Served

Food, Pharmaceutical, Paper, Detergent, Research

### 5. Packing & Supply

Standard industrial packing. Bulk and customised packing available on request. Export supply with full documentation (COA, MSDS, COO, Packing List).

Values are typical and given in good faith as a guide to product characteristics; they do not constitute a specification or guarantee. Refer to the batch COA for certified values.