

### CFS-F(M), Low Viscosity Dimethyl Silicone Oil

CFS-F(M), Low viscosity dimethyl silicone oils are also named as Polydimethylsiloxane, or PDMS. Co-Formula dimethyl silicone oils with low viscosity are generally used for skin care products, make-up products, hair care products, special products such as antiperspirants, etc.

#### Typical Properties:

| Item                                    | CFS-F(M)-3  | CFS-F(M)-5  | CFS-F(M)-10 | CFS-F(M)-20 | CFS-F(M)-50 |
|---|-------------|-------------|-------------|-------------|-------------|
| Viscosity<br>(25°C), mm <sup>2</sup> /s | 3±0.3       | 5±0.5       | 10±1        | 20±2        | 50±5        |
| Flash Point                             | ≥80         | ≥130        | ≥170        | ≥200        | ≥250        |
| Density                                 | 0.915~0.921 | 0.915~0.921 | 0.930~0.939 | 0.945~0.952 | 0.956~0.965 |
| Acid Value                              | ≤15         | ≤15         | ≤15         | ≤15         | ≤15         |

#### Applications:

CFS-F(M) with low viscosity is mainly used in various cosmetics and personal care products formulations, with excellent physical and chemical properties.

CFS-F(M) with low viscosity can be used as a basic oil phase component or as a temporary carrier for active substances to improve the spreading property and easy to smear.

CFS-F(M) with low viscosity can be used as a low viscosity siloxane, which can reduce the stickiness of the formula and produce a unique delicate and smooth skin feeling. It also reduces surface tension, helps to spread and promotes uniform dispersion of solid pigments.

#### Packaging:

CFS-F(M) with low viscosity is offered in 200L PVF steel drums and 1000L IBC totes.

Please contact Co-Formula team for any special packaging request.

#### Storage:

CFS-F(M) with low viscosity should be stored in a cool, well-ventilated place, and avoid exposure to humidity.

CFS-F(M) with low viscosity should be stored in its original containers and used up as soon as possible after opening.

When stored in a strictly sealed and unopened container, CFS-F(M) with low viscosity has a shelf life of 12months.