

YMR7212 Silicone Emulsion

Product Description

YMR7212 is a silicone emulsion based on a silanol-terminated dimethyl silicone fluid. It has been designed to be mainly used for textile, plastics release and lubricating applications.

Key Features and Typical Benefits

- Excellent dilution stability
- Good lubricity
- Easy release
- High temperature stability of silicone polymer
- Water dispersible

Typical Physical Properties

Appearance	Off-white, milky
Specific Gravity at 25 °C	1.00
Silicone Solids	32
Base Polymer	Silanol-terminated dimethyl silicone fluid
Polymer Viscosity, mm ² /s {cSt}	100,000 {100,000}
Surfactant	Anionic
Diluent	Water

Typical properties are average data and are not to be used as or to develop specifications.

Potential Applications

- Mold release for tires, rubber and plastics
- Lubrication for textile, rubber and plastics
- Textiles anti-croaking, softeners and modifiers
- Polishes and household cleaners

General Considerations for Use

DILUTION

In general, dilute the product with water so that its silicone content becomes 0.5-2%. Tapping water can be used as a diluent. However, continuous use of high hard water may result in accumulation of scales inside the mold. Thus, soften the water with ion-exchange resins, etc, if necessary. In addition, mix the product well before dilution.

COATING

Coat the mold surface with spray, brush, sponge or cleaning cloth, etc. Uniform coating is important, and every nook and corner of the mold must be coated. In that respect, spray coating may be the best method.

Patent Status

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute the permission, inducement, or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

Product Safety, Handling and Storage

Customers should review the latest Safety Data Sheet (SDS) and label for product safety information, safe handling instructions, personal protective equipment, if necessary, emergency service contact information, and any special storage conditions required for safety. Momentive Performance Materials (MPM) maintains an around-the-clock emergency service for its products. SDS are available at www.momentive.com or, upon request, from any MPM representative. For product storage and handling procedures to maintain the product quality within our stated specifications, please review Certificates of Analysis, which are available in the Order Center. Use of other materials in conjunction with MPM products (for example, primers) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

Limitations

Customers must evaluate Momentive Performance Materials products and make their own determination as to fitness of use in their particular applications.

Customer Service Centers

For additional information, please contact our Customer Service Team

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