

TSM6362

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Description

TSM6362 is an emulsion type silicone mold release agent based on alkyl-aralkyl modified silicone fluid. The product exhibits excellent mold releasability and heat resistance.

Key Features and Benefits

- Suitable for complicated mold due to excellent mold releasability and heat resistance
- Good lubricity
- Good paintability

Typical Physical Properties

PROPERTIES	
Appearance	Milky white emulsion
Specific gravity (25°C)	1.00
Effective content %	57
Surfactant	Nonionic
Base polymer	Alkyl-aralkyl modified silicone fluid
Diluent	Water

Typical property data values should not be used as specifications.

Potential Applications

- Release agent for die casting of aluminum, zinc, etc.
- Release agent for plastic parts to be painted or metalized

Processing Recommendations

- **DILUTION**

In general, dilute the product with water so that its effective ingredient 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.

Packaging

- 15kg can available
- 200kg drum available

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

- Wear eye protection and protective gloves as required while handling the product.
- Use the product in a well ventilated area.
- Store in a cool and dry place (5-25°C) out of direct sunlight.
- Keep out of the reach of the children.

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.

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