

## TSF437

メチルフェニルシリコンオイル

TSF437は、低粘度のメチルフェニルシリコンオイルで、プラスチックの内部添加タイプの離型剤として使用されます。

### 特長

- 離型性に優れています。
- 潤滑性に優れています。
- 化学的に不活性です。

### 用途

- プラスチック用添加剤

### 特性例

項目	特性値
外観	無色透明
比重 (25°C)	1.02
粘度 (25°C)                      mm <sup>2</sup> /s{cSt}	22{22}
屈折率 (n <sub>D</sub> <sup>25</sup> )	1.499
引火点                                      °C	170
流動点                                      °C	-60以下
表面張力 (25°C)                      mN/m	24.2
誘電率 (60Hz、25°C)	2.8
誘電正接 (60Hz、25°C)	0.001
体膨張係数                              1/K	8.7×10 <sup>-4</sup>

### シリコンオイルの相互溶解性

製品名	ジメチルシリコンオイル		メチルフェニルシリコンオイル			
	TSF405	TSF451-100	TSF431	TSF433	TSF437	TSF4300
TSF405		○	○	○	○	○
TSF451-100	○		○	×	×	×
TSF431	○	○		×	△	△
TSF433	○	×	×		○	○
TSF437	○	×	△	○		○
TSF4300	○	×	△	○	○	

注) ○ : 相溶性あり                      △ : TSF431が90%以上の場合相溶                      × : 相溶性なし

### 使用方法

TSF437をそのまま、あるいはあらかじめマスターバッチ化して、樹脂に対して0.01-0.5重量%添加し、均一に分散させてください。

### 取扱い上の注意

- 取扱い時には、保護眼鏡および必要に応じて保護手袋を着用してください。
- 換気のよい所で使用してください。

**保管**

- 直射日光を避け、湿気の少ない冷暗所に保管してください。
- 子供の手の届かない所に保管してください。

**荷姿・梱包**

- 1kgポリビン(1ケース10P入り)
- 15kg石油缶
- 200kgドラム

**消防法**

危険物第4類第3石油類

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