

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 ² /s{cSt}	22{22}
屈折率 (n _D ²⁵)	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 ⁻⁴

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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