

**Technical Data Sheet**

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FOMI 550H

WHITE MINERAL OIL (Food Grade)

Product Description

FOMI 550H is an odorless, tasteless, crystal clear and food grade white mineral oil of the highest quality. This oil meets or exceeds requirements of US FDA Regulation 21 CFR 172.878 for Food and Food Additives. This product also meet the European Directive for plastic materials into contact with COMMISSION REGULATION (EU) No 10/2011 / FCM substance No 95(White mineral oil).

Typical Application

- Fluid for Lithium-Ion Battery Separator Film
- CaCo₃ Filler Master Batch
- Food processing plants
- Protective coating and release agent for food package
- Textile plants
- Plasticizer & extender
- Lubricant and rust preventative for food machinery and other equipment with food contact

Features

- Further refined medium viscosity paraffinic-based Oil which is specially treated for improving its quality for use of the food and plastic industry
- Higher flash point
- Excellent color stability
- Superior Thermal Stability
- Variable viscosities available upon request

Information on Ingredients

- CAS No : 8042-47-5 (White mineral oil)
- EINECS No : 232-455-8

Package Sizes

- 200L STEEL DRUM
- 24,000L IN ISO TANK
- 24,000L IN FLEXIBAG

Product Specification & Typical Properties

Typical Properties	Test Method	Specification	Typical
Appearance	VISUAL		Bright & Clear
Odor & Taste		None	None
Color, Saybolt	ASTM D 156	Min +30	+30
Density 15°C, g/cm	ASTM D 4052	Report	0.8670
Flash point °C	ASTM D 92	Min 260	274
Pour point °C	ASTM D 97	Max -9.0	-15.0
Aniline point °C	ASTM D 611	Min 120	127.0
Viscosity, SUS @ 100°F	ASTM D 2161	Max 500	530.0
Viscosity @ 40°C, mm ² /s	ASTM D 445	95.0 ~ 110.0	105.0
Viscosity @ 100°C, mm ² /s	ASTM D 445	Min 8.5	12.10
Refractive Index @20°C	ASTM D 1218	Report	1.4770
UV Absorbance 260-350nm	ASTM D 2269	Max 0.1	0.03
Average Molecular Weight	ASTM D 2502	Min 480	550
Hydrocarbons with Carbon number less than 25 wt%	ASTM D 2887	Max 5.0	1.5
Readily Carbonizable Substances 95% H ₂ SO ₄	ASTM D 565		Pass
Sulfur content	ASTM D 5453	Max 0.03	0.0001
Carbon Type, Ca%	ASTM D 2140	0	0
Carbon Type, Cn%	ASTM D 2140	25.0 ~ 35.0	29.0
Carbon Type, Cp%	ASTM D 2140	65.0 ~ 75.0	71.0

It meets the test requirements of US Pharmacopeia XX(1980) for readily carbonizable substances and sulfur compounds. Above data is obtained from our resent manufacturing batch.

Health and Safety

- Detailed health and safety information for this product is provided in the Material Safety Data Sheet (MSDS), available upon request.

