



Diphenyl Silicone Oil LF-PM12

Description:

Chemical Name: Diphenyl silicone oil

Special Features:

Diphenyl silicone oil is a phenyl-modified silicone fluid known for its unique properties, making it valuable in high-performance industrial and cosmetic applications. High-temperature resistance (up to 250–300°C).

Typical Technical Properties:

Item	CAS NO.	Viscosity (25°C, mm ² /s)	Refractive Index (25°C, n_{D25})	Appearance
LF-PM12A	68083-14-7	50-3000	1.4200~1.4400	Colorless to yellowish transparent liquid
LF-PM12B	68083-14-7	150-250	1.4800~1.5000	
LF-PM12D	68083-14-7	400-500	1.5000~1.5100	

Applications:

Industrial: High-temp lubricants, mold release agents, dielectric fluids;

Cosmetics: Hair serums, foundations, waterproof formulations;

Electronics: Encapsulation for LEDs, circuit protection.

Package &Storage:

In 25kg and 200kg drum.

Keep in cool, dry and ventilated place. Keep away from sunlight and fire sources. Keep in unopened containers, shelf life is 24 months from the date of production. Storage beyond the shelf life does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.