

VENLOSLC-125

PRODUCT IDENTIFICATION

- **Chemical Name:** Polydimethylsiloxane
- **Physical Form:** Colorless Transparent Liquid

VENLOSLC-125 is a linear, non-reactive polydimethylsiloxane with a viscosity of approximately 12.500 mm²/s. Due to its chemical structure, VENLOSLC-125 has an outstanding property profile, which sets it apart from organic materials such as mineral oils.

SPECIFICATION

Properties	Test Methods	Units	Values
Density (25°C)	DIN 51757	g/cm ³	0.97
Kinematic Viscosity (25°C)	DIN 53019	mm ² /s	12.500
Refractive Index (25°C)	ASTM D-5125	-	1,404
Flash Point	ISO 2592	°C	359
Surface Tension (25°C)	-	N/m	0,022
Ignition Temperature (Liquids)	DIN 51794	°C	450

APPLICATIONS

- Active ingredient in a variety of automotive, furniture, metal, and specialty polishes in paste, emulsion, and solvent-based polishes and halogen-free flame retardant (HFFR) polyolefin or elastomer compounds.
- Various applications including cosmetic ingredients, elastomer and plastics lubricant, electrical insulating fluid, foam preventive or breaker, mechanical fluid, mold release agent, surface active agent, and solvent-based finishing and fat liquoring of leather.

PACKAGING & STORAGE

- Packaging: 1 pallet is 950 kg IBC.
- VENLOSLC-125 should be stored in a manner that avoids direct exposure to sunlight and heat 50°C - 60°C. This compound should be used within 1 year after its production date.

IMPORTANT NOTICE

Please read the Material Safety Data Sheet (MSDS) carefully before using this product.

