

HVG 14

High Performance Dielectric Compound

Benefits:

- · Prevents electrical shocks as it does not permit water to be formed on the coating.
- · Anti tracking coating prevents flash overs.
- Lubricates well for interfaces of metal to plastic, metal to rubber and plastic to plastic contacts.
- Low dissipation factor.
- Excellent dielectric properties.
- Low volatility.
- · Very low base vapour pressure.

Applications:

- As a protective coating on high voltage overhead line insulators.
- As a water proof agent cum sealant in switches, battery terminals, cable and cable connections, threaded connections in instruments.

Characteristics		Test Method	Unit	Specifications
Appearance		Visual	-	Translucent, Tacky
Colour		Visual	-	White
Base (Thickener)		-	_	Non soap
Base Oil		_	_	Silicone
NLGI Grade		\	_	# 2/3
Worked Penetration		ASTM D-217	0.1 mm	250 - 280
Dropping Point		ASTM D-2265	°C	None
Electrical strength	16	IS 7648	kV/mm	9 to 10
Operating Temperature	<i></i>	-	°C	-40/+260

^{*}CTM=Corporate Test Method