



ELECTRICAL PROPERTIES

1. Rated Voltage	69kV
2. Critical Impulse Flashover Voltage (Pos. +)	416kV
3. Low Frequency Withstand Voltage (wet)	155kV
4. Impulse Withstand Voltage (BIL)	370kV
5. Radio Influence Voltage Data	
Test Voltage to Ground	44kV
Max. RIV at 1000kHz	200µV

PHYSICAL PROPERTIES

1. Dry Arc Distance	29.1" (740mm)
2. Min Creepage Distance	90.6" (2300mm)
3. Shed spacing	3" (75mm)
4. Weight	61lbs (27.7kg)

MECHANICAL PROPERTIES

1. Specified Cantilever Load (SCL)	7000lbs (31.5kN)
2. Specified Mechanical Tensile Load (SML)	25500lbs (113kN)
3. Specified Torsion Load (SToI)	54000in. lbs (6.1kN.m)
4. Specified Compression Load (SCoI)	25000lbs (112kN)
5. Deflection at 2800Lbs (12.6kN) cantilever strength	0.7" (17.78mm)

According to Standard: ANSI C29.9

3	Core rod	Glass fiber reinforced epoxy resin	1	
2	Weather sheds	Silicone rubber	1	Color: Grey
1.4	Flange	Galvanized steel	2	
ITEM NO	DESCRIPTION	MATERIALS	QTY	REMARK



Title		Drawing No.	
Post Type insulator Polymer TR278-SPECIAL		VP310370SG3	
REV	Approved		
0	S.N.04/16/21		

VANGUARD ELECTRIC ,LLC