



**ELECTRICAL PROPERTIES**

1. Rated Voltage	34.5kV
2. Critical Impulse Flashover Voltage (Pos.+)	225kV
3. Low Frequency Withstand Voltage (wet)	80kV
4. Impulse Withstand Voltage (BIL)	200kV
5. Radio Influence Voltage Data	
Test Voltage to Ground	22kV
Max. RIV at 1000kHz	100µV

**PHYSICAL PROPERTIES**

1. Dry Arc Distance	16.9" (429mm)
2. Min Creepage Distance	43.9" (1114mm)
3. Shed spacing	1.18" (30mm)
4. Weight	13.6lbs (6.2kg)

**MECHANICAL PROPERTIES**

1. Specified Cantilever Load (SCL)	2000lbs (8.9kN)
2. Specified Mechanical Tensile Load (SML)	16000lbs (71kN)
3. Specified Torsion Load (SToI)	12000in. lbs (1.4kN.m)
4. Specified Compression Load (SCoI)	10000lbs (44kN)
5. Deflection at 800Lbs (3.6kN) cantilever strength	0.4" (10mm)

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



<b>Title</b> Post Type insulator Polymer TR210	<b>Drawing No.</b> VP080200SG3	
	REV 0	Approved S.N.04/16/21

**VANGUARD ELECTRIC ,LLC**