

**GUARANTEED AND OTHER TECHNICAL PARTICULARS FOR**  
**33 KV POLYMERIC DISC INSULATOR 70 KN (B&S TYPE)**

Sr.No.	Description	Unit	
1	Name of Manufacturer		
2	Address:		
	(a)registered Office		
	(b)Factory		
3	Type of insulators		
4	Standard according to which the insulators manufactured and tested		
5	Name of material used in manufacture of the insulators with class/grade		
a)	Material of core (FRP rod) i)E-glass or ECR-glass ii)Boron content		
b)	Material of housing & weather sheds(silicon content By weight)		
c)	Material of end fittings		
d)	Sealing compound for end fittings		
6	Colour		
7	Electrical characteristics:		
a)	Nominal system voltage	KV(rms)	
b)	Highest system voltage	KV(rms)	
c)	Dry Power frequency with stand voltage	KV(rms)	
d)	Wet power frequency with stand voltage	KV(rms)	
e)	Dry lash over voltage	KV(rms)	
f)	Wet flash overvoltage	KV(rms)	
g)	Dry lighting impulse withstand voltage a)positive b)Negative	KV(peak) KV(peak)	
h)	Dry lighting impulse flash over voltage a) Positive b) Negative	KV(peak) KV(peak)	
i)	RI V at 1 MHz when energized at 30 KV(rms) under dry condition	Microvolt	
j)	Creepage distance(Min.)	mm	
8	Mechanical characteristics		
a)	Minimum failing load	KN	
9	Dimensions of insulator		
	i)Weight	Kg	
	ii)Dia. Of FRP rod	mm	

	iii)Length of FRP rod	mm	
	iv)Dia. Of weather sheds	mm	
	v)Thickness of housing	mm	
	vi)Dry arc distance	mm	
10	Dimension eddrawings of insulator(including weight with tolerance in weight)enclosed	Yes/No	
11	Method of fixing of sheds to housing(specify):Single Mould or modular construction(injection moulding /compression moulding)		
12	No. of weather sheds		
13	Type of sheds		
i)	Aerodynamic		
ii)	With underribs		
14	Packing details		
	a) Type of packing		
	b) No. of insulators in each pack		
	c) Gross weight of package		
15	Any other particulars which the bidder may like to furnish		

Dated.

Authorized Signatory

Name:\_\_\_\_\_Designation:\_\_\_\_Address and Seal of the firm