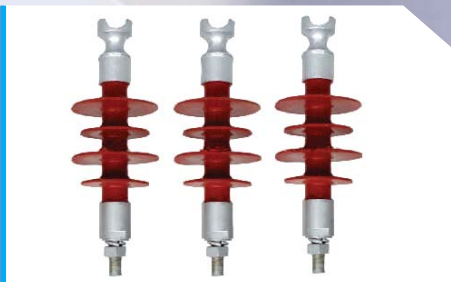




# COMPOSITE POLYMERIC INSULATORS

## KEY FEATURES:

- Light weight (65-80% less than Ceramic Insulator).
- Silicon Rubber Sheds provide perfect hydrophobic performance, good resistance to ageing, tracking and erosion.
- Stable behavior at extreme climatic conditions.
- Long term surface hydrophobicity.
- Suitable for polluted environment, salty atmospheres etc.
- Resistance to breakage and vandalism, practically unbreakable.
- Superior anti-tracking properties.
- High mechanical strength.
- Ease of installation (easier handling with lighter equipment and labour at the job site).
- Resistance to Seismic Shock.



## Distribution Line Insulator

We are manufacturing all types of Insulators, Post / Pin Insulators, Suspension / Tension Insulators ranging from 11 KV to 33 KV

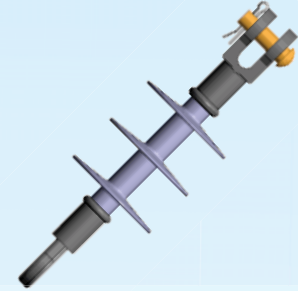
### Post / Pin Insulator

Nominal System Voltage (KV)	Length (mm)	Cantilever Strength (KN)	Creepage Distance (mm)	P.F Dry withstand Voltage (KV)	P.F Wet withstand Voltage (KV)	Impulse Withstand Voltage KV
13.8	355	12.5	600	90	65	150
33	575	12.5	1355	160	135	250



### Suspension/Tension/Interphase Spacer Insulator

Nominal System Voltage (KV)	Length (mm)	Cantilever Strength (KN)	Creepage Distance (mm)	P.F Dry withstand Voltage (KV)	P.F Wet withstand Voltage (KV)	Impulse Withstand Voltage KV
13.8	411	70	640	90	65	150
33	606	70	1372	160	135	250



**Note:** Insulator with different type of metal fittings and colors can also be manufactured as per requirement as well as custom specified.

All insulators are Complied with IEC 61109 & 62217.

## Manufacturing & Testing Facilities

### MOLDING

German technology Klöckner DESMA Rubber Injection Molding Machines.

### CRIMPING

Fully automated UNIFLEX German technology along with Acoustic Emission Detector is being used to Ensure any deformation of FRP Rod.

### UTM

PLC controlled INSTRON USA, machine is being used to ensure the mechanical strength before molding.

### TEST PERFORMANCE

- Elco Meter
- Glass content
- Water absorption test
- Tensile strength test
- Dimensional Check
- Water Diffusion test
- Brittle fracture resistance test
- AC High voltage test
- Specific Gravity
- Dye Penetration test
- Bending moment test
- hardness test



شركة ميمف للصناعات الكهربائية  
MEMF Electrical Industries Co.

P.O. Box 355989 Riyadh 11383 Kingdom of Saudi Arabia  
Factory Tel.: 00 966 11 265 0515 (8 Lines) - Fax.: 00 966 11 265 0360  
Head Office Tel. : 00 966 11 496 6667 - Fax. : 00 966 11 491 7919

ص.ب. ٣٥٥٩٨٩ الرياض ١١٣٨٣ المملكة العربية السعودية  
مصنع هاتف: ٠٥١٥ ١١ ٢٦٥ ٠٩٦٦ (٨ خطوط) - فاكس: ٠٣٦٠ ١١ ٢٦٥ ٠٩٦٦  
مكتب الرئيسي هاتف: ٤٩٦٦٦٦٧ ١١ ٩٦٦ ٠٠ - فاكس: ٤٩١٧٩١٩ ١١ ٩٦٦ ٠٠

Web site: www.memf.com.sa e-mail : sales.memf@kfbgroup.com.sa: البريد الإلكتروني