



sales@orientinsulators.com
<http://www.suspensioninsulators.com>

Chapter 3

Suspension Type Insulators

3.3 Anti-fog/pollution Insulator

By Orient Power

Anti-fog/pollution Insulator



Orient Power

sales@orientinsulators.com

<http://www.suspensioninsulators.com>

✚ Anti-fog/pollution porcelain insulator properties:

- Anti-pollution insulator has bigger creepage distance, higher pollution level than that of common type high voltage insulator.
- Anti-pollution insulator with good anti fog ability is used in wet and dirty environment, even used to prevent bird damage and ice.

✚ Anti-fog/pollution porcelain insulator types:

- Double sheds types: It has better self-cleaning quality.
- Bell shaped types: It can increase creepage distance and has better anti-pollution fog ability for its big ridges
- Aero dynamic types: They have bigger shed diameter to prevent bird damage and ice.

✚ Anti-fog/pollution porcelain insulator code numbers:

XHP-70, XHP-80, XHP-90, XHP-100, XHP-120, XHP-160, XHP-210. "X" stands for suspension. P is disc and H is Anti-pollution fog type.

✚ Anti-fog/pollution porcelain insulator mechanical strength:

- According to IEC standard: 70KN, 80KN, 90KN, 100KN, 120KN, 160KN, 210KN, 300KN
- According to ANSI C29.2: 10000 pounds/44KN, 15000lbs/67KN, 25000lbs/111KN, 36000lbs/160KN, 50000lbs/222KN