

ENERGY

WE ENERGIZE
THE WORLD

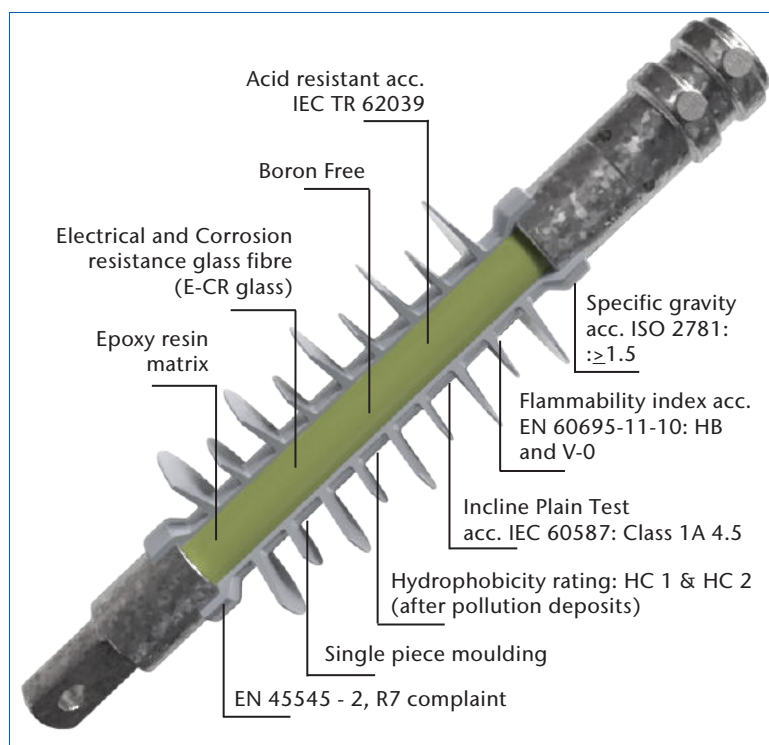
COMPOSITE INSULATORS

PATENTED MODULAR SYSTEM
FOR ALL RAIL APPLICATIONS



IN FAVOUR OF MOSDORFER INSULATORS

**Available from
750 V DC, 3kV DC,
15 kV and 25kV AC.
Mosdorfer can also
provide tailor made
solutions.**



**Designed and Tested
according to:
EN 50119
EN 50124
EN 62621
EN 61109**

The HTV¹ housing is of overmoulded design and moulded in a single piece. It encapsulates the triple point (meeting of end fitting, silicone and core rod) making the interface impervious to moisture. HTV silicone rubber, also known as High Consistency Rubber (HCR) is used for best pollution performance. This silicone housing is chemically bonded to the core ensuring long term electrical stability. The adhesive strength of this interface is stronger than the cohesive strength of the silicone itself.

FRP² cores are manufactured from boron free E-CR³ and an epoxy resin system. Acid and brittle fracture resistant providing long term mechanical stability.

- 1 High Temperature Vulcanizing
- 2 Fibre Reinforced Plastic
- 3 Electrical and Corrosion Resistant

RAILWAY



HTV silicone rubber, also known as High Consistency Silicone Rubber (HCR) for best pollution performance.

Independently tested at ISO 17025 accredited laboratories.

Benefits



- Cast and forged fittings for all railway applications
- Eight point circumferential crimping
- High strength to weight ratio
- Cost efficient
- Many different assembly variants possible
- Intelligent fitting design allows many different cantilever geometries

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