KARINVOLT®

Thermosetting compounds, flame-proof, halogen-free, with low smoke and gas emissions toxic.

The generation of photovoltaic energy has been evolving year after year in Brazil.
This accelerated growth is seen both in centralized generation (large plants) located in greater areas slightly away from consumption centers, as well as in distributed mini and micro generations, which are located next to consumer centers, as well as on the roofs of homes, buildings, hospitals and industries, etc.
In order to meet the needs of this segment and in partnership with the manufacturers of electrical wires and cables, Karina Plásticos developed the KARINVOLT® compound to meet the needs of this segment.

The KARINVOLT® line is comprised of thermoplastic, anti-flame, halogen-free compounds with low smoke and toxic gas emissions. Intended for application in cables, commonly known as photovoltaics, widely used in insulation and coverage to meet ABNT NBR 16612 standards.

The association of this compound with the our HP Catalyst Masterbatch is required, and offers unique characteristics to meet the most rigorous tests of the standards mentioned above, such as:

- ✔ Thermal Resistance (120° C / 20,000 h);
- ✔ Hot-set Elongation (200° C);
- ✔ Flame Resistance

Application

• Insulation for power cables for photovoltaic systems;
• Jacket for power cables for photovoltaic systems resistant to sunlight.

Advantages

• Flame resistant compound;
• Halogen-free compound;
• Low emission of toxic gases.
• Resistance to temperature and humidity.

- ✔ **State-of-the art laboratory**
- ✔ **Skilled techinical department**
- ✔ **Quality controlo of finished products**
- ✔ **24/7 logistics service**

KARINA

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