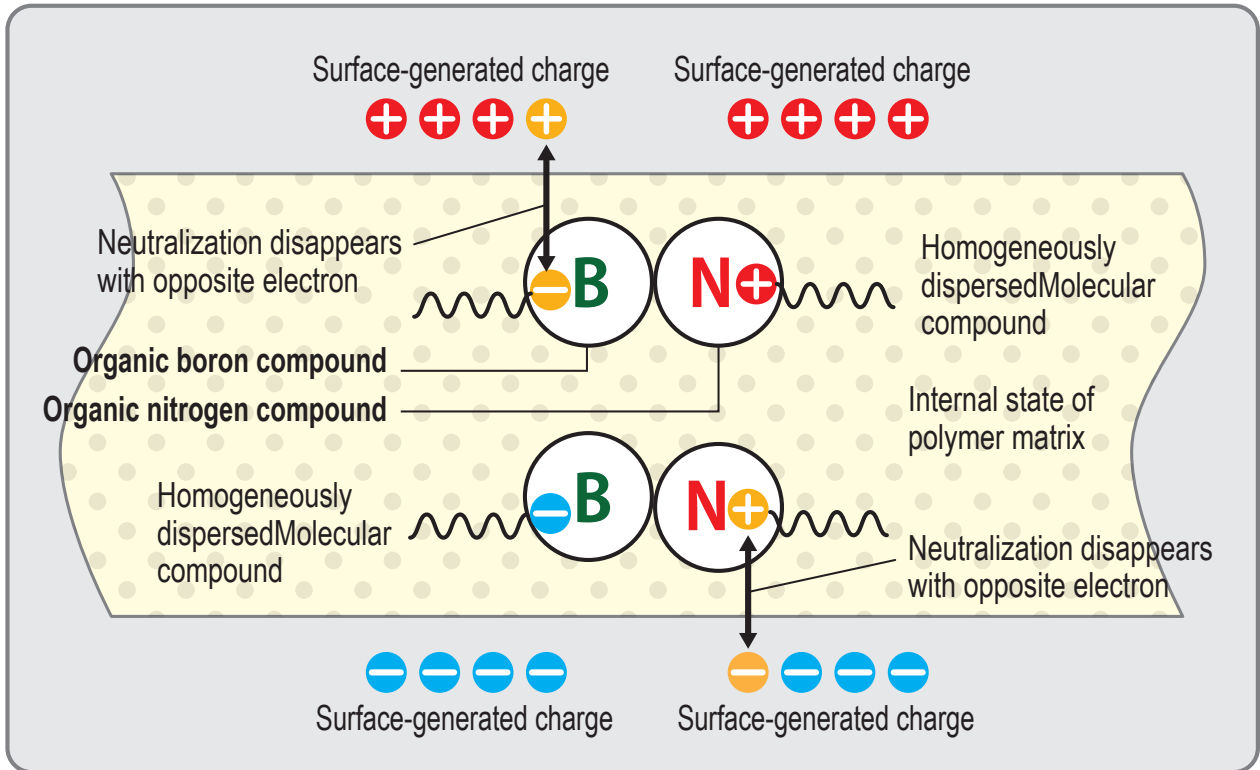


**For measures against static electricity on resin,
In the newly invented “molecular compound type kneading agent”
Pay attention to the charge leakage mechanism !**

Biomicelle® BN-105

Obtained domestic and foreign patents

Please see “Principle of molecular compound type antistatic agent” by a new mechanism different from the conventional product that relies on ionic conduction.



The composition of this compound is a molecular compound in which the N (nitrogen compound) component and the B (boron compound) component are bonded.

This is a special compound that has both negative (-) and positive electrons (+) in the form of bonds.

When this molecular compound is uniformly dispersed in the resin matrix, electric charges (static electricity) are generated inside and outside the resin, and at the same time, the added adjacent molecular compounds act, and the back electrons of the generated charges act immediately. By this action, the electric charge is neutralized and extinguished, and it becomes a mechanism that keeps leaking static electricity.

In addition, all the charge in the matrix disappears and no charge remains.

Even if the applied voltage is applied, everything disappears to 0 volt, and the performance to obtain a complete attenuation state can be obtained.

This type can be kneaded into various resins

LDPE, HDPE, EVA, PP, POM, PVC, COP, COC, TPX, PA, PET, PBT, EPDM, PU, PS, SEBS, PVDF, & Various rubber products, Acrylic sheet, Acrylic molding goods, Acrylic coating materials, Silicone products

★ If you need performance expression data, please request it. ★