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Recently attracted attention
Block type multi-component copolymer (SEBS)
By adding the molecular compound completely non-charging agent: "Biomiccel BN-105"
It was clarified that antistatic performance can be imparted.

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A method of polymer alloying with the recently anticipated "block-type multi-component copolymer (SEBS)" which has the potential to improve the physical weakness of an olefinic homopolymer that has weakness but is brittle. Thus, we have clarified the possibility of making the molded product completely uncharged while expanding its application.

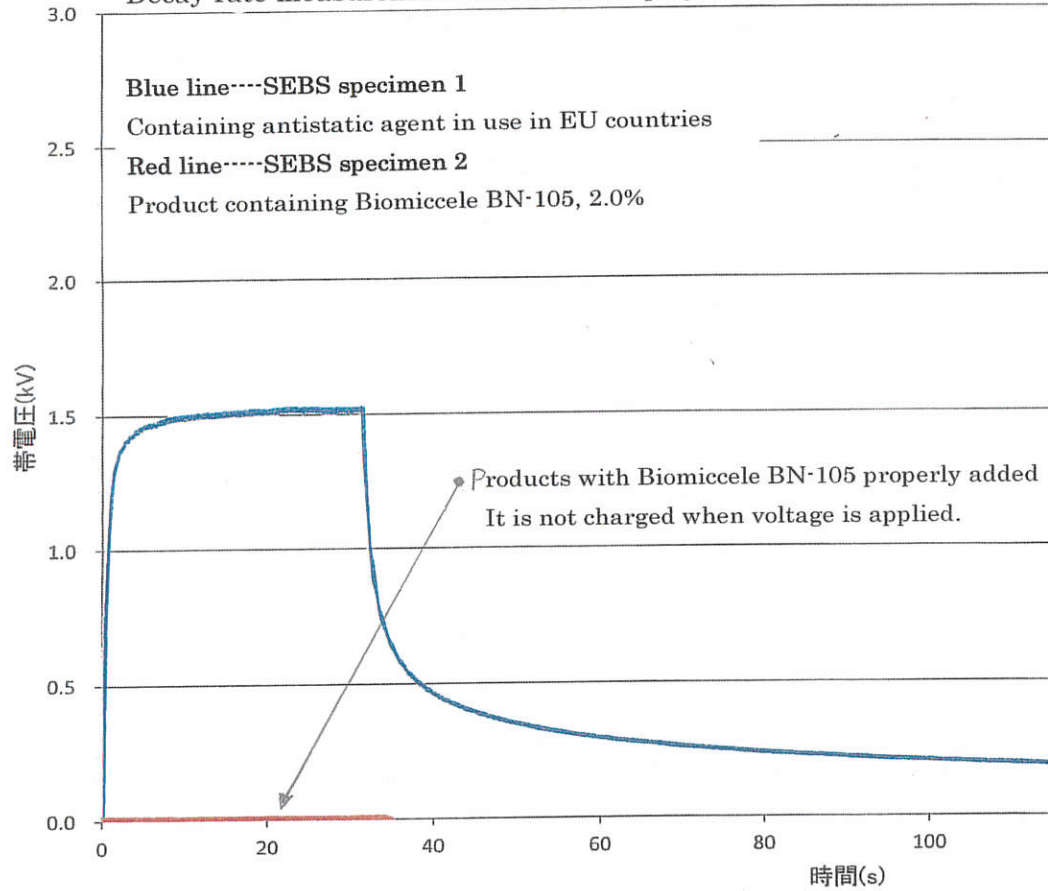
Already, "Biomiccel BN-105" alone has attracted attention as being capable of imparting uncharged performance to polypropylene (PP). However, this product has the characteristic methylene group ($-\text{CH}_2-$). It has been proven that the addition of this product, which has an affinity for the resin it holds, can completely charge the irregularly generated charge and make it an uncharged product, but it is also an application of this technology.

In particular, it is very important that block type copolymers such as SEBS can be made non-charged by polymer alloying to improve the physical properties of polypropylene (PP) material, which is used in large quantities in the automobile industry. To be The use of the molecular compound completely non-charging agent "Biomiccel BN-105" is highly expected.

★SEBS “Biomicel BN-105” added product shows complete attenuation to 0 volts★

(Reference data A,)

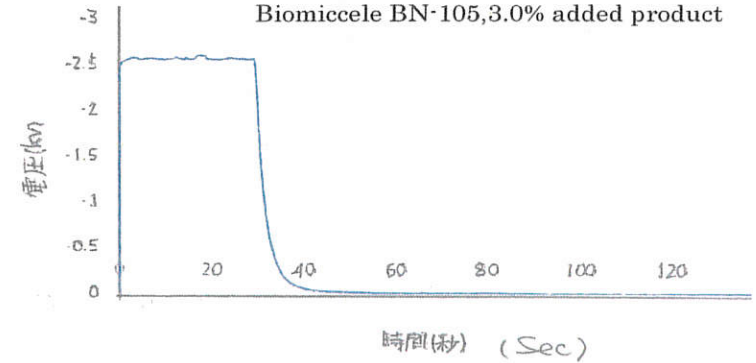
Decay rate measurement results of SE polymer moldings



(Reference data B,)

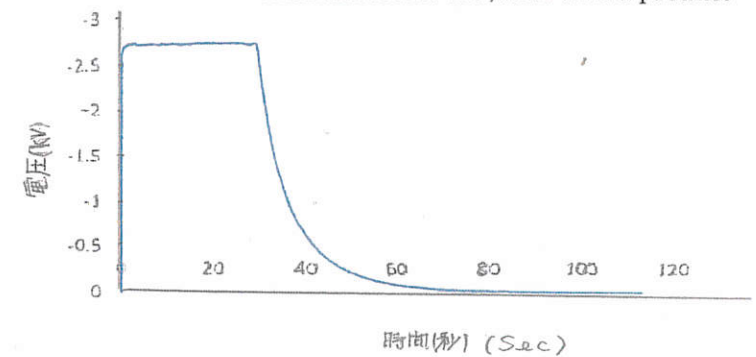
① 「SEBS+PP」 Molding

Biomicelle BN-105, 3.0% added product



② 「SEBS+PP」 Molding

Biomicelle BN-105, 6.0% added product



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