

Material for comfort
– SMP iFit –



SMP Technologies Inc.

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Characteristics of SMP

We developed new material for comfort is 「SMP iFit」 (Patent pending)

The value (Dynamic $\tan \delta$) showing the recovery time when applying force is designed to be close to human skin.

Each part of human body viscoelasticity
(Dynamic $\tan \delta$)

Lower arm	0 . 4 3
Palm	0 . 4 7
forehead	0 . 5 1

Dynamic $\tan \delta$ of SMP「SMP iFit」 is 4~0.6

Motoji Takahashi, Polymer Science and Technology Vol.33, 1984

Due to 「SMP iFit」 has Dynamic $\tan \delta$ (vibration absorbing property) close to human skin, when used in a part that touches the human skin, it can be realized natural comfort and felt comfortable.

Assumed applications

「SMP iFit」 is expected to be utilized in various ways including the following applications.

