Antivibration Materials Selection Method

-Vibration Transmissibility Data-

**Antivibration Material Selection Chart**

- Load Capacity (kg) -
  - BSES

Vary depending on volume, nominal and load weight. Refer to vibration transmissibility data for each product.

Vary depending on volume and nominal. Refer to load information of each product.

**Vibration Control Material**

Antivibration Gel Sheet / Antivibration Pads (P.2197-2199) Antivibration Rubber (P.2197-2199) Selection Methods

Select the anti-vibration material by referring to the table above.

**Vibration Transmissibility Data**

Antivibration effects of antivibration material depend on load and characteristic frequency of supported object (natural frequency).

Select the optimal vibration control materials according to the following instruction:

1. Find the support load for each vibration control material.
2. Evaluate the frequency of the subject of antivibration.
3. Plotting the value 1 on the graph, usable antivibration material type and vibration transmissibility can be found.

**Antivibration Transmissibility Data**

- BSES

More antivibration effects can be expected from smaller vibration transmissibility values.

Ex: Support Load when Vibration Control Material = 100(kgf)

Frequency of Antivibration Object = 80(Hz)

When BGEPM is selected, the vibration transfer rate will approximately be 1/30.