

## VIBRATION DAMPING RUBBER AND MOTOR FIXING MOUNT

### ABSTRACT

[Problem] To provide a vibration-damping rubber and a  
5 motor-fixing mount, which exhibit good processability, and  
exhibit improved heat dissipation properties (thermal  
conductivity) while maintaining a low compression set even  
at high temperatures, by blending specific amounts of  
acetylene black and graphite into NBR rubber.

10 [Means for Solving the Problem] A vibration-damping rubber  
comprising a NBR composition containing 10 to 120 parts by  
weight of graphite and 10 to 80 parts by weight of  
acetylene black per 100 parts by weight of NBR rubber;  
wherein the NBR composition preferably has a hardness of 75  
15 or less as measured according to JIS K6253 (using a  
durometer A), has a compression set of 36% or less as  
measured after an aging and heat resistance test at 100°C  
for 70 hours according to JIS R6262 (using a large test  
piece), has a  $\tan \delta$  (10 Hz) of 0.3 or more, and has heat  
20 dissipation properties such that the measured value of a  
thermal conductivity test is 60°C or more; and a motor-  
fixing mount preferably comprising the vibration-damping  
rubber interposed between plates.

[Selected Figure] None