

ABSTRACT**ETHYLENE/ - OLEFIN/NONCONJUGATED POLYENE TERPOLYMER RUBBER
COMPOSITION AND VULCANIZED RUBBER OBTAINED THEREFROM**

An ethylene/ α -olefin/nonconjugated polyene terpolymer rubber composition according to the present invention comprises a random terpolymer rubber (A) prepared from
5 ethylene, an α -olefin having 3 to 20 carbon atoms and at least one branched chain polyene compound represented by a specified formula and a diene rubber (B). The molar ratio of ethylene to an α -olefin having 3 to 20 carbon atoms, iodine value and intrinsic viscosity $[\eta]$ measured in 135°C
10 decalin of the random terpolymer rubber (A) are within respective specified ranges. This rubber composition enables providing a vulcanized rubber which is excellent in resistances to weather, ozone and heat aging without detriment to the excellent mechanical strength
15 characteristics, abrasion resistance and dynamic fatigue resistance of the diene rubber.

When a nitrile rubber (C) is employed as a diene rubber (B), this rubber composition enables providing a vulcanized rubber which is excellent in not only strength
20 characteristics and oil resistance but also resistances to weather, ozone and heat aging.

A further ethylene/ α -olefin/nonconjugated polyene terpolymer rubber composition according to the present invention comprises the above random terpolymer rubber (A)
25 and a random copolymer rubber (D) prepared from ethylene and an α -olefin having 3 to 20 carbon atoms optionally together with a nonconjugated diene. This rubber composition enables providing a vulcanized rubber which is

excellent in resistances to heat aging, weather and ozone and has the advantage of having vulcanization velocity greater than that of the conventional EPDM.