CLAIMS

1. A conjugated diene-based polymer comprising a repeating unit derived from a conjugated diene-based monomer,
wherein, in a tan δ graph in accordance with temperature, derived from dynamic viscoelasticity analysis by an Advanced Rheometric Expansion System (ARES), a full width at half maximum (FWHM) value of a tan δ peak shown in a temperature range of -100°C to 100°C is 20°C to 80°C, and
the Advanced Rheometric Expansion System is measured using a dynamic mechanical analyzer with a torsional mode under conditions of a frequency of 10 Hz, a strain of 0.5%, and a temperature rise rate of 5°C/min.

2. The conjugated diene-based polymer of claim 1, wherein the full width at half maximum value of a tan δ peak is 20°C to 80°C.

3. The conjugated diene-based polymer of claim 1, wherein the full width at half maximum value of a tan δ peak is 30°C to 60°C.

4. The conjugated diene-based polymer of claim 1, wherein the tan δ peak is shown in a temperature range of −80°C to 20°C.

5. The conjugated diene-based polymer of claim 1, further comprising a repeating unit derived from an aromatic vinyl-

based monomer.

6. The conjugated diene-based polymer of claim 1, wherein a molecular weight distribution curve by gel permeation chromatography is unimodal, and molecular weight distribution is 1.0 to 3.0.

7. A modified conjugated diene-based polymer comprising a repeating unit derived from a conjugated diene-based monomer and a functional group derived from a modifier,
wherein, in a tan δ graph in accordance with temperature, derived from dynamic viscoelasticity analysis by an Advanced Rheometric Expansion System (ARES), a full width at half maximum (FWHM) value of a tan δ peak shown in a temperature range of -100°C to 100°C is 20°C to 80°C, and
the Advanced Rheometric Expansion System is measured using a dynamic mechanical analyzer with a torsional mode under conditions of a frequency of 10 Hz, a strain of 0.5%, and a temperature rise rate of 5°C/min.

8. The modified conjugated diene-based polymer of claim 7, wherein
the modifier is an alkoxysilane-based modifier, and
the modified conjugated diene-based polymer has the Si and N contents of 50 ppm or more each, based on a total weight of the polymer.

9. The modified conjugated diene-based polymer of claim 7,

wherein a molecular weight distribution curve by gel permeation chromatography is unimodal, and molecular weight distribution is 1.0 to 3.0.

10. A rubber composition comprising a polymer and a filler, wherein the polymer is the conjugated diene-based polymer of claim 1 or the modified conjugated diene-based polymer of claim 7.

11. The rubber composition of claim 10, wherein the filler is comprised in 0.1 parts by weight to 200 parts by weight based on 100 parts by weight of the polymer.