

Abstract

A conjugated diene-based polymer includes a structural unit derived from butadiene and a structural unit derived from an aromatic vinyl compound, wherein: the value α defined by numerical formula (i) is 0.60 to 0.97; the relative amount of the structural unit derived from the aromatic vinyl compound is 5 mass% to 50 mass%; and the value θ_{st} , calculated from a ^1H -NMR spectrum as measured in deuterated chloroform as a solvent and by numerical formula (ii) is greater than 4 mass% and less than 27 mass%.

Numerical formula (i): $\alpha = (p + (0.5 \times r)) / (p + q + (0.5 \times r) + s)$; Numerical formula (ii): $\theta_{st} = [(\Sigma(a) / \Sigma(a, b)) \times 2.5] \times 100$ (In numerical formula (ii), $\Sigma(a)$ represents an integral value in a chemical shift range of $6.00 \leq \sigma < 6.89$, and $\Sigma(a, b)$ represents an integral value in a chemical shift range of $6.00 \leq \sigma \leq 8.00$).

[No figure]