

Abstract

CONJUGATED DIENE POLYMER, CONJUGATED DIENE POLYMER
COMPOSITION, AND TIRE

A conjugated diene polymer satisfying following conditions (1) to (4):

(1) the conjugated diene polymer has two or more peaks in a molecular weight distribution curve obtained by measurement with gel permeation chromatography (GPC);

(2) the molecular weight distribution curve contains a peak (A) having a peak molecular weight of 500,000 to 2,500,000 and a peak (B) having a peak molecular weight of 150,000 to 600,000;

(3) a total value of an area of the peak (A) and an area of the peak (B) is 70% or more of a total area of the molecular weight distribution curve; and

(4) an absolute value of difference between a glass transition temperature of a conjugated diene polymer in the peak (A) (T_g (A)) and a glass transition temperature of a conjugated diene polymer in the peak (B) (T_g (B)) is 2°C to 30°C.

[No suitable figure]