

Abstract

HYDROGENATED CONJUGATED DIENE-BASED RUBBER, RUBBER COMPOSITION, CROSSLINKED RUBBER, AND TIRE

There is provided a hydrogenated conjugated diene-based rubber which can give a crosslinked rubber having high strength and excellent low fuel consumption performance and can give a rubber composition having excellent formability. A hydrogenated conjugated diene-based rubber having a hydrogenation rate of butadiene unit of 90% or more, wherein, in the molecular weight distribution of the hydrogenated conjugated diene-based rubber as determined by a gel permeation chromatographic method, when a peak area of a molecular weight of 1,000 to 250,000 is taken as AL and a peak area of a molecular weight of 250,000 or more is taken as AH, the ratio of AL to the total area of AL and AH is 0.5% to 20%.

[No Fig.]