

ABSTRACT

POLYBUTENE DERIVATIVE FOR RUBBER COMPOUNDING AND RUBBER COMPOSITION INCLUDING SAME

Disclosed is a polybutene derivative for rubber
compounding. The polybutene derivative includes 30% to 98% by
5 weight of polyisobutylene, 1% to 35% by weight of unsaturated
dicarboxylic anhydride, and 1% to 50% by weight of at least one
selected from among alkanolamines, amine-based compounds, and
polyhydric alcohols. When the polybutene derivative is added
as an additive for rubber, the polybutene derivative
10 dramatically improves the dispersibility of a filler and
improves both the grip performance and the rolling resistance
at the same time.