

**MODIFIED POLYISOBUTYLENE POLYMER FOR RUBBER COMPOUNDING AND
RUBBER COMPOSITION COMPRISING SAME**

ABSTRACT

5 The present invention relates to a modified
polyisobutylene polymer for rubber compounding including
polyisobutylene having isobutylene as a main chain,
unsaturated dicarboxylic anhydride, and a silane compound, and
more particularly, 20 to 80 wt% of polyisobutylene having
10 isobutylene as a main chain, 1 to 20 wt% of unsaturated
dicarboxylic anhydride, and 1 to 60 wt% of a silane compound.
In particular, when the polyisobutylene polymer of the present
invention is used as an additive for rubber, the
dispersibility of a filler can be significantly increased and
15 both grip performance and rolling resistance can be improved.