

ALKYLATION OF DIPHENYLAMINE WITH POLYISOBUTYLENE OLIGOMERS

ABSTRACT OF THE DISCLOSURE

5 A process for preparation of alkylated diphenylamine antioxidant which comprises alkylating diphenylamine with a polyisobutylene in the presence of a clay catalyst, wherein the polyisobutylene has an average molecular weight in the range of 120 to 600 and wherein the polysibutylene contains at least 25% methylvinylidene isomer.



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