

ABSTRACT OF THE DISCLOSURE

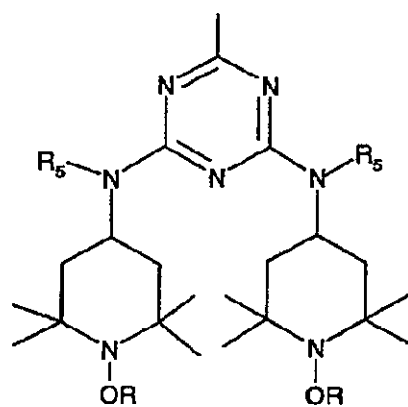
POLYOLEFIN RESIN EXPANDED PARTICLE AND IN-MOLD FOAMED ARTICLE
PREPARED THEREFROM

The present invention relates to polyolefin resin expanded particles capable of demonstrating excellent flame retarding effects with a small amount of flame retardant content, despite the fact that carbon black is used as a colorant, and polyolefin resin in-mold foamed article obtained by the in-mold foaming of the expanded particles. More specifically, the present invention relates to polyolefin resin expanded particles and to a polyolefin resin in-mold foamed article obtained by the in-mold foaming of the expanded particles, which contain 0.5 to 20 wt% of carbon black, and which also contain 0.01 to 10 wt% of a hindered amine flame retardant shown by the general formula (I) below.



(I)

(In the formula (I), R_1 and R_2 are an s-triazine moiety shown in the formula (II) below, one of R_3 and R_4 is an s-triazine moiety shown in the formula (II) below, and the other of R_3 and R_4 is a hydrogen atom; and in the formula (II), R is a methyl group, propyl group, cyclohexyl group, or octyl group, and R_5 is an alkyl group having 1 to 12 carbon atoms.)



(II)