

ABSTRACT

**“POLYPROPYLENE FOR THE PRODUCTION OF THERMOFORMED
ARTICLES, LARGE, DEEP, COMPLEX AND/OR THICK ARTICLES,
5 PROCESS FOR THERMOFORMING MODIFIED POLYPROPYLENE
INTO LARGE, DEEP, COMPLEX AND/OR THICK ARTICLES AND USE
OF THE POLYPROPYLENE”**

The present invention is directed to a modified polypropylene comprising
10 from 0.3 to 2 long-chain branches per 1,000 carbon atoms, wherein said long-chain
branch has more than 1,000 carbon atoms and 0 to 6% of ethene and/or alpha-
olefinic comonomer having 3 to 18 carbon atoms. The polypropylene of the present
invention is a homopolymer, a random copolymer, or a heterophasic copolymer.
The present invention also relates to large, deep, complex and/or thick articles
15 which are thermoformed from said polypropylene. Furthermore, the present
invention relates to the process for thermoforming said modified polypropylene
into large, deep, complex and/or thick articles. The present invention also relates to
the use of the polypropylene to prepare large, deep, complex and/or thick articles.

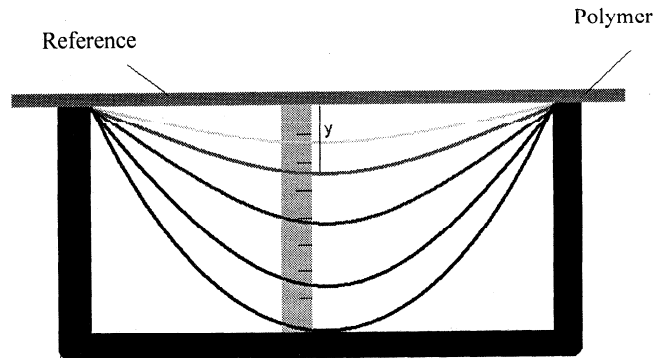


Figure 1

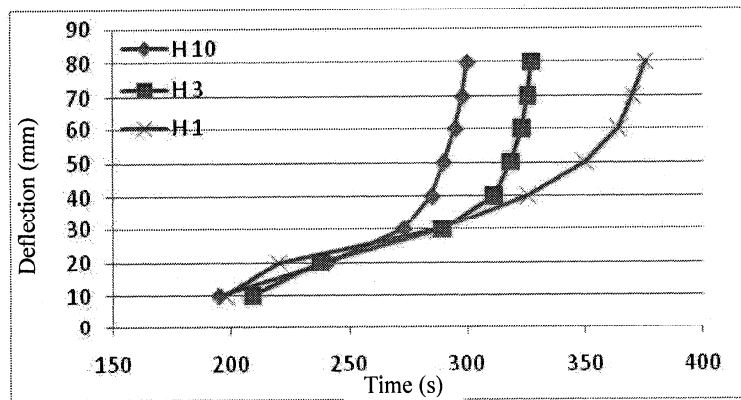


Figure 2

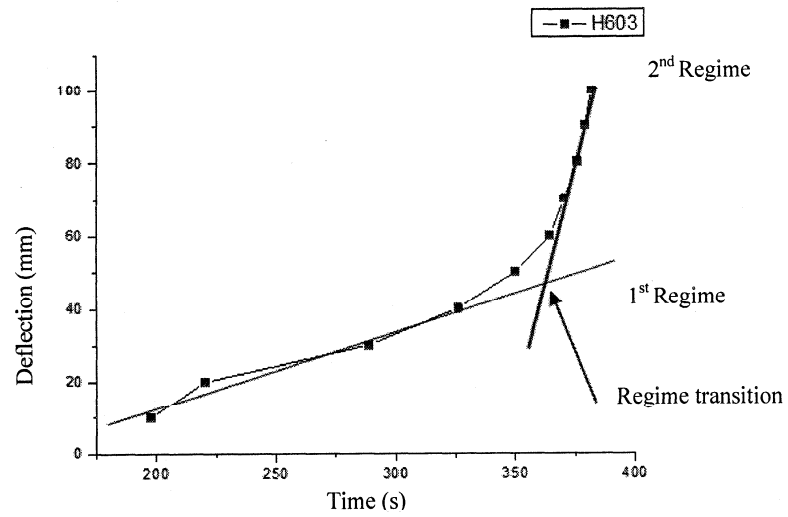


Figure 3

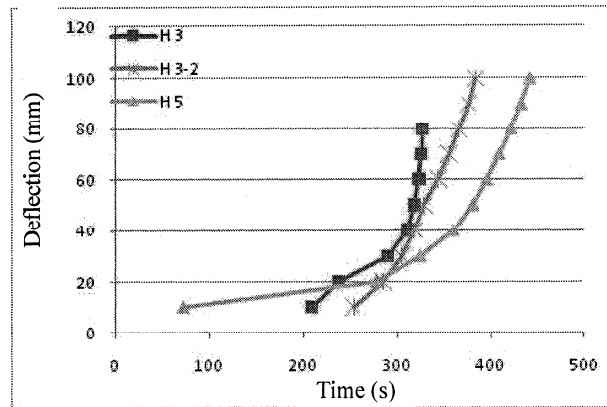


Figure 4

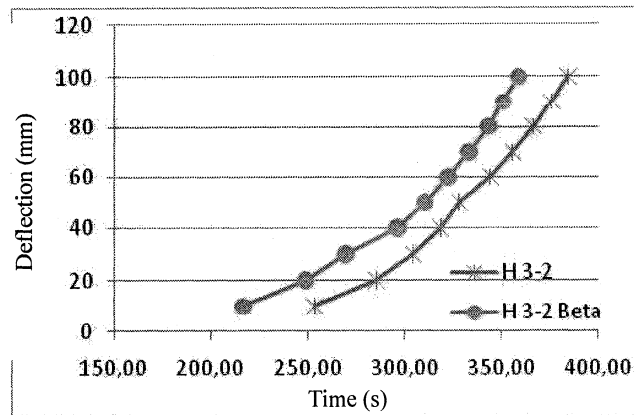


Figure 5

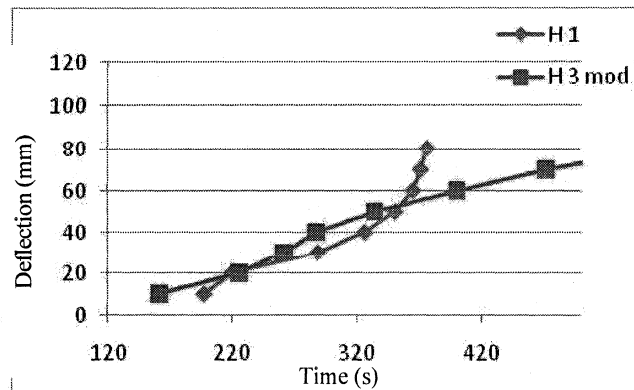


Figure 6

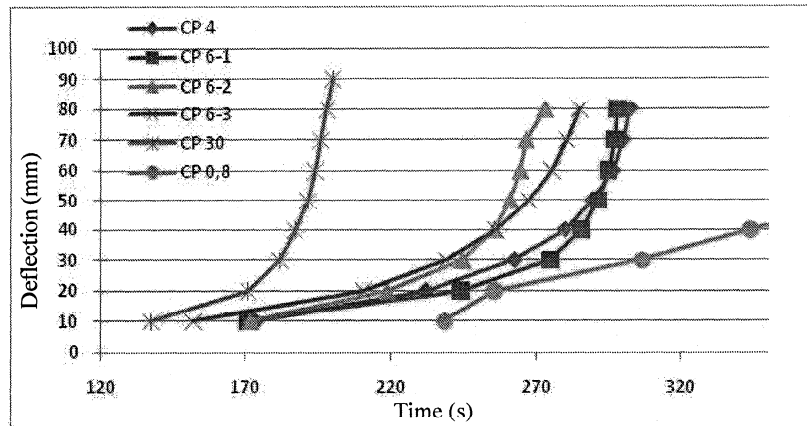


Figure 7

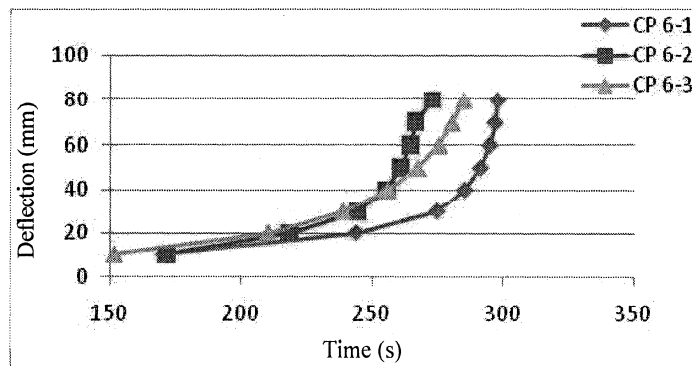


Figure 8

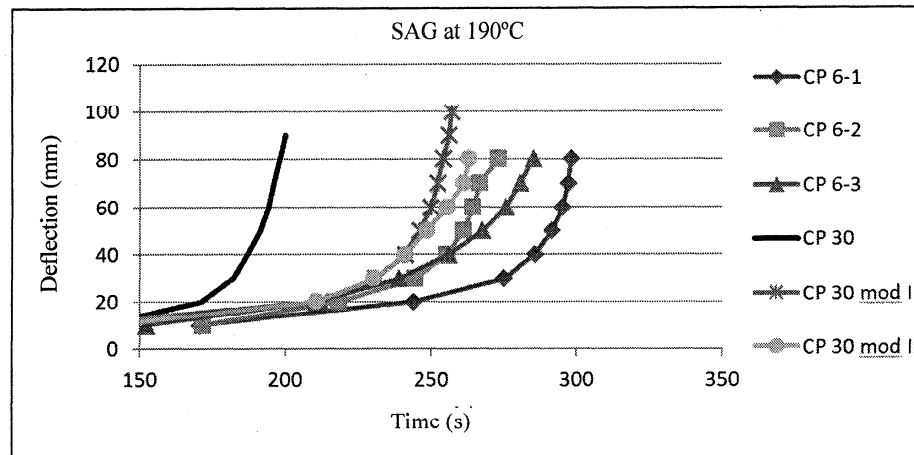


Figure 9

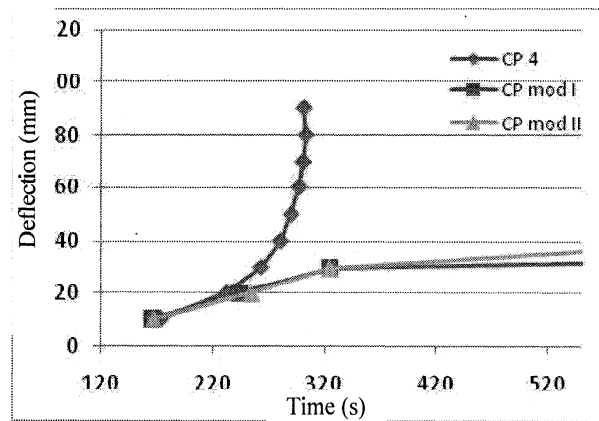


Figure 10

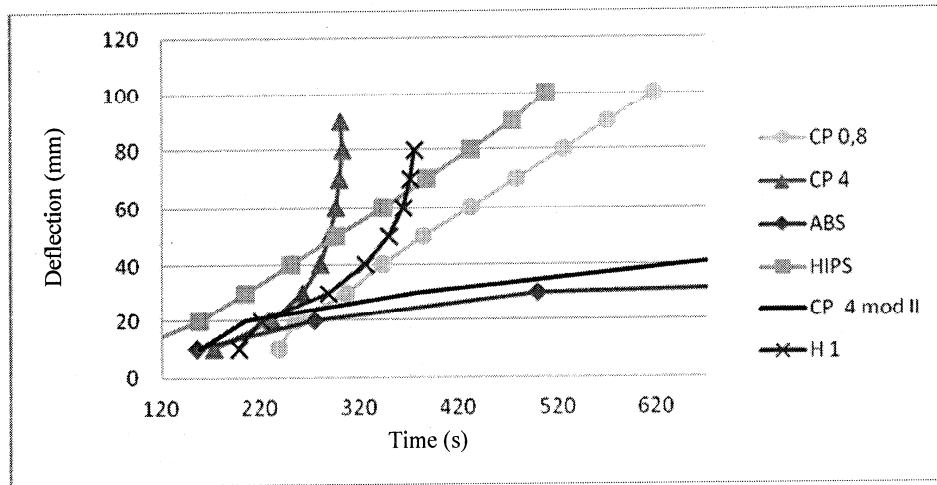


Figure 11

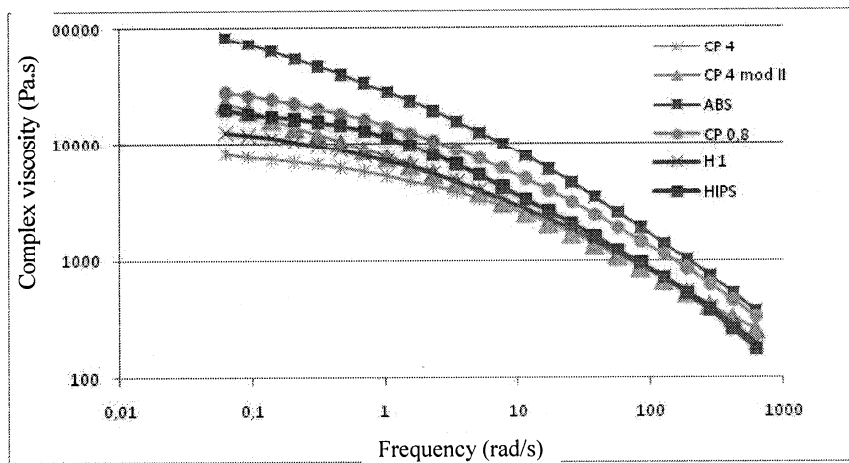


Figure 12