

## **ABSTRACT**

5       The disclosure relates to processes for producing lightweight  
polyethylene terephthalate bottles that retain good barrier properties  
against the permeation of oxygen, carbon dioxide and/or water vapor. The  
use of relatively small amounts of polyethylene furandicarboxylate during  
the formation of the PET bottles can produce a bottle having the required  
barrier properties and result in the use of less material.

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