

**CARBONATE ESTER-CONTAINING EPOXY RESIN, PREPARATION
METHOD THEREFOR, EPOXY CURED PRODUCT PREPARED
THEREFROM, AND METHOD FOR DEGRADING EPOXY CURED PRODUCT
ABSTRACT**

The present invention provides a carbonate ester-containing epoxy resin, a preparation method therefor, an epoxy cured product prepared therefrom, and a method for degrading the epoxy cured product. The carbonate ester-containing epoxy resin has a structure as shown in formula (I) or formula (II), and symbols in formula (I) and formula (II) are as defined in the description. On this basis, a carbonate ester group and an epoxy group are reacted to prepare the carbonate ester-containing epoxy resin, and an epoxy cured product prepared from the carbonate ester-containing epoxy resin and a hardener has good thermal properties and mechanical properties and has degradability.

Fig. 1