n HO 
$$\longrightarrow$$
 OH + n CI CI HO  $\longrightarrow$  HO  $\longrightarrow$  OH  $\longrightarrow$  Disphenol A phosgene polycarbonate (2n-1) HCI  $\longrightarrow$  DON  $\longrightarrow$  NCO + n HO  $\longrightarrow$  40H  $\longrightarrow$  HO  $\longrightarrow$  HO

$$-OH \qquad HO \qquad O \qquad H_2O$$

$$-NH_2 \qquad CI \qquad NH \qquad HCI$$

$$-OH \qquad CI \qquad CI \qquad O \qquad HCI$$

$$-NCO \qquad HO \qquad NH \qquad HCI$$

$$-NH_2 \qquad O \qquad HO \qquad NH \qquad HCI$$