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(54) Title: SEALING ELEMENT FOR VESSEL OR CONTAINER CLOSURES HAVING IMPROVED BARRIER PROPERTIES

(57) Abstract: The present invention relates to closure elements for containers comprising a sealing element, the sealing element comprising a thermoplastic polymer and an effective absorbing amount of a cyclodextrin material; wherein the cyclodextrin material is selected from the group comprising α-cyclodextrin, β-cyclodextrin, γ-cyclodextrin, derivatives of α-cyclodextrin, β-cyclodextrin and γ-cyclodextrin and mixtures thereof. It has been found, that the sealing elements show excellent barrier properties with respect to permeants, such as aromatic substances, especially trichloroanisole, aldehydes or ketones and/or impurities from the polymer.