

ABSTRACT

A catalyst molded body used in producing an unsaturated aldehyde and/or an unsaturated carboxylic acid by an oxidation reaction, which simultaneously satisfies the following requirements (A) and (B) is used: (A) A molded body density of the catalyst molded body is 2.25 g/mL or less in a state before being filled into a reactor, (B) The catalyst molded body satisfies at least one of the following requirements (B-1) and (B-2): (B-1) An arithmetic average roughness (Ra) defined by JIS B-0601-2001 of a surface of the catalyst molded body is 3.0 μm or less, (B-2) A maximum height (Rz) defined by JIS B-0601-2001 of a surface of the catalyst molded body is 15 μm or less.