

ABSTRACT

A catalyst for synthesizing liquefied petroleum gas according to the present invention includes: a Cu-Zn-based catalytic material; and an MFI-type zeolite catalytic material supporting Pt, in which a ratio $(M1/(M1+M2))$ of mass (M1) of the Cu-Zn-based catalytic material to total mass of the mass (M1) of the Cu-Zn-based catalytic material and mass (M2) of the MFI-type zeolite catalytic material is 0.30 or more and 0.95 or less.