

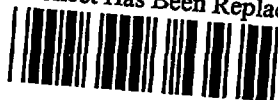
ABSTRACT

HYDRO TREATING CATALYST; COMPOSITION, PREPARATION AND USE THEREOF

Disclosed is a hydrotreating catalyst composition containing a porous, inorganic oxidic carrier, a phosphorus component, a cobalt component, and a group VIB metal component, wherein calculated on 100 g of the catalyst composition, the phosphorus component content calculated as P_2O_5 , is 2-28 mmoles, the cobalt component content, calculated as CoO, is 50-133 mmoles, and the group VIB metal component content, calculated as trioxide, is 132-208 mmoles, the specific surface area of the catalyst composition is greater than $100 \text{ m}^2/\text{g}$. and the pore volume is in the range of 0.25 to 1.3 ml/g.

Also disclosed are processes for making and using the catalyst.

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