

PSEUDO-BOEHMITE, MANUFACTURING PROCESS AND APPLICATION THEREOF

Abstract

5 The present invention relates to a pseudo-boehmite having a dry basis content of 55-85wt% and
containing a phosphoric acid ester group, wherein the sodium oxide content is not greater than
0.5wt%, and the phosphorus content (in terms of phosphorus pentoxide) is 1.2-5.7wt%, relative to
100wt% of the total weight of the pseudo-boehmite. The pseudo-boehmite has the characteristics of
significantly low sodium content. The present invention further relates to a manufacturing process
of pseudo-boehmite, and applications thereof in preparation of alumina, the production of
10 hydrogenation catalyst and the hydrogenation of oil product.

[Figure 1]