

ABSTRACT

ZEOLITIC ADSORBENTS, THEIR PROCESS OF PREPARATION AND THEIR USES

The present invention relates to zeolitic adsorbents based on small agglomerated crystals of zeolite X comprising barium, combining optimum properties in terms of selectivity and of mechanical strength.

These adsorbents have applications in the separation of fractions of aromatic C₈ isomers and in particular xylenes, in the separation of substituted toluene isomers, such as nitrotoluene, diethyltoluene or toluenediamine, in the separation of cresols and in the separation of polyhydric alcohols, such as sugars.

Fig.: 1