

A PROCESS OF MANUFACTURE OF PARTICLES WITH A NATURAL CALCIUM
CARBONATE AND ETHYLENE ACRYLIC ACID SALTS BASE, SUSPENSIONS
AND DRY PIGMENTS OBTAINED, THEIR USES

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ABSTRACT

The present invention consists in a process for preparing at least one mineral material and/or at least one pigment, comprising a calcium carbonate made both partially organophilic and partially hydrophilic, wherein the carbonate is mixed and/or ground
10 and/or concentrated in aqueous medium in the presence of at least one salt of ethylene acrylic acid, a dispersant and/or grinding aid being introduced before and/or during this treatment step. Another subject of the invention lies in the resulting dispersions and aqueous suspensions of calcium carbonate. They may be dried, and the dry pigments obtained likewise constitute a subject of the invention. The use of these aqueous
15 dispersions and of these dry pigments in the field of plastics, paints and paper constitutes another subject of the invention.