

ABSTRACT

HIGHLY ACETALIZED, COARSELY GROUND POLYVINYL ACETOACETALS

The invention relates to highly acetalized, coarse-grained polyvinyl acetals with a degree of acetalization of > 80 mol% and an average grain size of $\geq 100 \mu\text{m}$ obtainable by acetalization of partially or fully hydrolyzed polyvinyl esters with a degree of hydrolysis of ≥ 70 mol% with acetaldehyde, characterized by the fact that the acetalization is started at a temperature T_1 of $0^\circ\text{C} \leq T_1 \leq +20^\circ\text{C}$ and is then continued at a temperature T_2 of $> +40^\circ\text{C}$, wherein the temperature T_2 is held for a time period of 0.05 to 4 hours and the acetalization is performed in a closed reactor.