

Abstract

Graft polymers of ketone-aldehyde condensation and co-condensation products and/or the monovalent or polyvalent metal compounds thereof are described, wherein the condensation product consists

- a) of symmetrical or asymmetrical ketones with aliphatic, araliphatic, cyclic or aromatic hydrocarbon residues with at least one non-aromatic residue,
- b) an aldehyde of the formula $R-(CHO)_n$, where $n = 1$ to 2 and R can be hydrogen or an aliphatic, araliphatic, aromatic or heterocyclic residue and
- c) if desired, of carboxy, sulpho, sulphamido, sulphony, sulphaalkylamine or sulphaalkyloxy groups,

on which anionic and/or non-ionic and/or cationic unsaturated monomers have been grafted. These graft polymers are outstandingly suitable as dispersants for inorganic binder suspensions and solutions, for aqueous clay suspensions and solutions or coal/water suspensions, as retention agents, thickeners, in particular for aqueous systems and as agents for preventing the swelling of clay in aqueous systems.

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