

Ceramic Dispersant KR-908

Alias: viscosity reducing agent, water reducing agent, grinding aid agent, dispersators

Properties:

KR-908 ceramic dispersant is a salt of anion polymer. It can adsorb on surface of a varieties of minor particles and thus generate static repulsion, resulting in particles' dispersion and avoiding particles sedimentation and coarse turn-back.

KR-908 can be used as additives in magnetic materials, electron ceramic, papermaking, alumina ceramic, household ceramic, etc. It can largely reduce the viscosity of processing materials, the obtained slurry is stable and easy to be processed. Furthermore, **KR-908** can fully volatilize during calcination process, no effect physicochemical property of product, no toxicity and no corrosive.

Specification:

Items	Index
Appearance	Light yellow viscous liquid
Solid content, %	40.0
Density (20°C), g/cm ³	1.10
pH(as it)	7.0-8.0
Viscosity(25°C) mpa.s	100-500

Usage:

KR-908, raw material and water with a certain content mix, then grind and get a high solid content and stable slurry, and reduce use lever of water and time. In the next spray drying process by dry-pressing or half dry-pressing, the obtained powder is good in strength and wear tolerance, shrinkage or fraction in calcinations is avoided.

The preferred amount of **KR-908** is 0.2-2.0% (solid/solid), the optimum amount should be determined by experiment. It can also mixed with inorganic phosphate dispersants.

Package and Storage:

200L plastic drum,IBC(1000L),customers' requirement. Storage for ten months in shady room and dry place.

Safety and protection

Weak alkali, avoid contact with eye and skin, once contacted, flush with water.

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