

Technical Data Sheet

KC-2224

Styrene acrylic composite emulsion for exterior paint

DESCRIPTION

KC-2224 is styrene acrylic composite emulsion with no APEO. As its particle has unique ionizing equilibrium system, exterior paint formulated with KC-2224 shows excellent color dispersing property for both organic and inorganic pigment paste regardless of the additive amount of pigment paste or the powder system.

In addition, paints applying KC-2224 has small color deviation even different thickeners are adopted (alkali soluble thickener or associative thickener).

KC-2224 also shows excellent performance in water and scrub resistance, Ca²⁺ & freeze thaw stability.

Typical physical characteristics (not to be considered specifications)

Type	Styrene acrylic copolymer
Appearance	Milky white & bluish
PH (25°C)	7±1
Brookfield Viscosity (25°C, 3#12r, cps)	2000-8000
Solid Content (%)	47±1
MFFT (°C)	30
Particle Size (µm)	0.1-0.2
Ionicity	Anionic

STORAGE

Store in airtight container and avoid cold or high temperature. Suggestive normal storage temperature is 10-35°C. Period of validity is six months after the packing date.

NOTICE

Specific suggestion of working procedures and formula can be provided only after knowing customer's product applications and production facilities.

VERSION: 2.0

REVISION DATE: 2015/5/14

Key features and benefits

- Perfect Ca²⁺ & thaw stability
- Perfect water/ scrub resistance
- Perfect color dispersion