

Technical data sheet

MEC - SA700 EL

MEC-SA 700EL is an APEO free styrene acrylic copolymer emulsion designed for multipurpose applications. It is used to formulate many types of paints over a wide range of PVC, from glossy to high PVC coatings, It has fine particle size, which confers very high pigment binding capability.

Application field

- Recommended for wide range of PVC specially, high PVC offering excellent scrub resistance and gloss.

Characteristics

- APEO-free latex
- Good wet scrub resistance
- Electrolyte stability
- High pigment binding capability
- Water and alkali resistance
- Resistance to freeze-thaw weathering

Technical data

Test	unit	value	deviation
Solid content	%	45	± 1.0
Viscosity Viscometer DVE , SP 4 , RPM 20 at 25 °C	mPa.s	8000	+ 2000
PH		8	± 1.0
Density	g/cm ³	108	±0.02

Film appearance

Test	unit	value
Minimum film forming temp (MFFT)	C	approx 12
Particle size	µm	0.1-0.2
Film appearance		CLEAR AND GLOSSY

Properties

Technology	Polystyrene acrylate
Base	Dispersion polymer; APEO & low formaldehyde content
Condition	Water-based dispersion
Components	Two-component
Appearance	Slightly blue dispersion

