



Technical Data Sheet

Ravasol SA-1

Emulsion Polymer

Description

Ravasol SA-1 is an aqueous polymer emulsion based on Styrene and Acrylic Acid Esters, stabilized with APEO-free surfactants.

Applications

Ravasol SA-1 offers excellent water and alkali resistance. Ravasol SA-1 is a versatile binder that has a high pigment and filler acceptance allowing high and low PVC formulation options. The minimum film forming temperature can be reduced by adding coalescing solvents such as Synthomer NX-795 or Butyl Di-Glycol Acetate at dosage levels of approximately 5-10 % based on polymer solids. Typical applications are:-

- Interior decorative paints
- Exterior paints and plasters
- Fillers, caulks and sealants
- Woodstains and lacquers (clear and pigmented)
- Carpet compounds

Properties

Property	Specification
Solids Content	49– 51 %
pH	7 – 9
Viscosity (Brookfield)	100 – 1000 mPas
Minimum Film Forming Temperature	10 deg C
Glass Transition Temperature	9 deg C

Packaging

- Intermediate Bulk Containers (IBC)
- Can also be supplied in bulk truck

Shelf Life

When stored / un-opened in the original packaging and protected from direct sun light at 5-25°C the shelf life exceeds 6 months. If customer's storage conditions are not aligned to these parameters, then tests should be carried out to determine the shelf life under alternative and specific storage conditions.



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