

WATER-BORNE EMULSION RESIN

Property & Usage

SumTac™ Water-Borne Emulsion Resin is a kind of rich-solid-content dispersion, made from gum rosin and rosin derivatives or petroleum resin together with macromolecule surface active agent via emulsification of EIP method. It's a green and environment-friendly water-based emulsion with apparent tackifying performance and extensive compatibility. It's compatible with acrylate, VAE, SBR, CR, NBR, NR emulsion and EVA copolymer and suitable for non-solvent-type adhesives & tackifiers. Most of its average grain-size is up to < 500nm (0.5µm).

Usage mainly in water-borne PSA adhesive, tectorial adhesive, static floss-weaving adhesive and white emulsion and many other coating materials for construction. It is with superior thermo-resistance bonding ability, superior transparency and better bonding effect with alkyl dilution. Recommendatory application: Adjust the adhesive system around pH=7 with weak acid and alkali, and then add the product and make it equal (advisory dosage=5-25%).

Technical Data Sheet

EMULSION RESIN	EMU-A	EMU-C	EMU-I	EMU-P
Appearance	white latex	white latex	yellow liquid	white latex
Solid content	50 +/- 2%	50 +/- 2%	70%	50 +/- 2%
pH value	6 - 8	6 - 8	7 - 8	6 - 8
Viscosity (CPS)	1200 max.	150 max.	120 +/- 30 s	80 max.
Water-borne application	PSA	Coating	Printing ink	Paint

Package & Notes

Package	20'FCL load	20'FCL palletized
200kg net plastic drum	16mt (80drums)	16mt (80drums)
1000L IBC	17.1mt (18IBCs)	-
Chemical Formula	CAS Number	HS CODE
macromolecule polymer	n/a	38062090
Standard	Storage	
EASTMAN TACOLYN-3179	In cool place, avoid fire and high temperature.	

