

## RESIN DISPERSION

### Property & Usage

**SumTac™ Rosin & Resin Dispersion** is a kind of rich-solid-content water-borne emulsion, made from gum rosin, 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 and EVA copolymer and suitable for non-solvent-type adhesives & tackifiers. Most of its average grain-size is up to 200nm (0.2 $\mu$ m).

Usage mainly in PSA adhesive like tapes & labels (high tack & peel, good UV & aging stability, anti-low temperature, etc.), tectorial adhesive, static floss-weaving adhesive and white latex and many other coating materials for construction. It is with superior thermo-resistance bonding ability, superior transparency and better bonding effect with alkyl dilution.

### Technical Data Sheet

RESIN DISPERSION	EMU-AA	EMU-AT	EMU-AW
Base Resin (Tg/S.P., deg C)	+35/+65 about	-25/+25 about	+33/+80 about
Appearance	white latex	white latex	white latex
Solid content	50 +/- 2%	55 +/- 5%	60 +/- 2%
pH value (25 deg C)	6.5 - 8.5	6.5 - 8.5	6.5 - 8.5
Viscosity (CP/mPa.s)	200-1200 about	300-3000 about	1500-5000 about
Average grain-size (nm)	200 max.	200 max.	600 max.
Ion type	Anionic	Anionic	Anionic

### Package & Notes

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

