

RESIN DISPERSION

Property & Usage

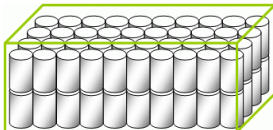
SumTac™ Rosin & Resin Dispersion is a kind of rich-solid-content water-borne emulsion, made from gum rosin, rosin derivatives or petroleum resin together with macromolecule surface active agent via emulsification of EIP method. It's a green and environment-friendly water-based emulsion with apparent 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 (0.2μm).

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 (TDS-9400)

| RESIN DISPERSION | EMU-AA | EMU-AT | EMU-AW |
|---|---------------------------------------|--|--|
| 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 - 9.5 |
| Viscosity (CP/mPa.s) | 200-1200 about | 300-3000 about | 200-1000 about |
| Average grain-size (nm) | 200 max. | 200 max. | 600 max. |
| Ion type | Anionic | Anionic | Anionic |
| Source resin [RE=Rosin Ester] | poly-alcohol RE | TEG RE | high MW RE |
| Source resin (Tg/S.P., deg C) | +35/+65 about | -25/+25 about | +33/+80 about |
| Application in label & tape's PSA [MW=Molecular Weight] | for initial tack in high MW materials | for peeling strength in low MW materials | for higher tack in top grade adhesions |

Package & Notes

| | | |
|---|---|---|
| Package | 20'FCL load |  |
| 200kg net plastic drum | 16mt (80drums) | |
| 1000L IBC | 17.1mt (18IBCs) | |
| Equivalent to Standard (macromolecule polymer) | | |
| Eastman Tacolyn 3179 | Hexion Snowtack 780A/G | Arizona Aquatac 6080 |
| Eastman Piccovar AP25-55WKX | Hexion Snowtack 724G | Arizona Aquatac 6025 |
| Eastman Tacolyn 1070 | Hexion Snowtack 880/790 | Arizona Aquatac 6085 |
| HS Code | Storage | |
| 38062090 | In cool place, avoid fire and high temperature. | |

