

## STYRENATED TERPENE RESIN

### Property & Usage

**SumTac™ Styrenated-terpene Resin** is a light color, low odor, and heat stable modified terpene resin, made from turpentine and styrene, with polymerized by mandrax-Clinton (Friedel-Crafts) and then proceeded via hydrolysis, washing, filtering and distillation.

This light colored, low odor resin is the right choice for premium hot melt adhesive applications. The aliphatic-aromatic nature of these resins gives them excellent adhesion to a range of substrates including polyolefins. Styrenated terpenes are highly compatible in EVA (Ethylene co-terpolymers: EVA, EMA) and SBC (Styrene block copolymers: SIS, SBS, SEBS) systems and easily solved in all kinds of elastomeric polymer like styrene-butadiene block copolymer, natural rubber and styrene-butadiene rubber.

Usage for assembly and packaging, non-woven, bookbinding and pressure sensitive adhesives for tape, label and decal applications. Provides a very good balance of properties when compounded with styrenic block copolymers or ethylene vinyl acetate copolymers. As a kind of pale and white tackifier, also widely used in top grade adhesive, coatings, print inks and rubber, children & woven health daily-uses, etc.

### Technical Data Sheet

STYRENATED TERPENE RESIN	ST80	ST100	ST120
Softening point (deg C)	80 +/- 3	100 +/- 3	120 +/- 3
Color (Gardner)	1 - 3	1 - 3	1 - 3
Acid value (mgKOH/g)	1 max.	1 max.	1 max.
Toluene-insoluble matter	0.05% max.	0.05% max.	0.05% max.

### Package & Notes

<b>Package</b> 25kg net polybag	<b>20'FCL load</b> 17.5mt(700bags)	<b>20'FCL palletized</b> 16mt (640bags)
<b>Chemical Formula</b> styrene-terpene polymer	<b>CAS Number</b> n/a	<b>HS CODE</b> 39111000
<b>Standard</b> industry standard	<b>Storage</b> In cool place, avoid fire and high temperature.	

