



## YH-501T SEBS (Styrene-ethylene-butylene-styrene)

### Product Description

YH-501T is the polymer which is obtained through selection and hydrogenation of SBS of specific structure, in the form of white powder or granule, with features of good mechanical property, good aging resistance, superior surface texture, non-toxic, and environment-friendly. It is widely applied to food packaging materials, medical devices, soft contact materials (e.g. handle, stationery, toy), sports equipment, sealing strips, daily necessities, automobiles and consumer electronics, etc.

### Technical Data Sheet

Typical Properties	Unit	Specification	Typical Value	Test Method
Structure		Linear		/
Block Content Ratio	%	30/70		/
Volatile Matter	%	≤1.00	0.26	GB/T 24131.1-2018
300% Stretching Strength	Mpa	≥3.0	5.2	GB/T 528-2009
Tensile Strength	Mpa	≥16	17.8	GB/T 528-2009
Elongation	%	≥450	517	GB/T 528-2009
Permanent Set	%	≤44	20	GB/T 528-2009
Hardness	Shore A	≥68	74	GB/T 531.1-2008
Hydrogenation	%	≥97	97.9	Q/SH 1085 010-2017
Yellow Index		≤4.0	1	HG/T 3862
Toluene Solution Viscosity @ (20%, 25°C)	mPa·s	400~800	580	Q/SH 1085 010-2017
Appearance		White powder or granule		/

### **Main Application:**

Gel candle, soft toy, coating material, plastics modification.

### **Packing:**

13kg polyethylene packing bag.