



## YH-504T SEBS (Styrene-ethylene-butylene-styrene)

### Product Description

SEBS YH-504T is a 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	Test Method
Structure		Linear	/
Block Content Ratio	%	31/69	/
Volatile Matter	%	$\leq 1.0$	GB/T 24131.1-2018
300% Stretching Strength	Mpa	$\geq 3.0$	GB/T 528-2009
Tensile Strength	Mpa	$\geq 20.0$	GB/T 528-2009
Elongation	%	$\geq 450$	GB/T 528-2009
Permanent Deformation	%	$\leq 40$	GB/T 528-2009
Hardness	Shore A	$\geq 70$	GB/T 531.1-2008
Hydrogenation	%	$\geq 97$	Q/SH 1085 010-2017
Yellow Index		$\leq 4.0$	HG/T 3862
Toluene Solution Viscosity @ (10%, 25°C)	mPa·s	300~500	Q/SH 1085 010-2017
Appearance		White powder or granule	/

### **Main Application:**

Soft toy, coating material, wire.

### **Packaging:**

13kg polyethylene packing bag.