



TECHNICAL DATA SHEET

Product Name: **SEBS**

Product Grade: **YH-502T**

Product Description:

SEBS YH-502T is a clear, linear triblock copolymer based on styrene and ethylene / butylene (S-EB-S) with bound styrene content of 30% mass.

Physical Properties:

Item	Unit	Standard
Appearance		White
Tensile Strength	Mpa	≥18.0
Elongation at break	%	≥450
Permanent deformation	%	≤40
Hardness Shore A		≥68
Degree of Hydrogenation	%	≥97.0
Solution Viscosity	Mpa.s	150-250
Volatility	%	≤0.70
Stress at 300%	Mpa	≥3.0
Yellow Index		≤4.0

Typical Applications:

—Compounding: Blending with polypropylene, extending oil to make rubber products with smooth surface, good weather resistance and aging resistance. It is extensively used for soft material such as handles, stationery, toys.

—Plastic modification: can be used as compatilizer for engineering plastics, such as for PE and PS.

—Wire and cables: blending with PP, extending oil and flame retardant to produce wires and cables.

—Adhesives: using together with hydrocarbon resin C5 to produce adhesives and sealants.

Manufacturer:

Sinopec Baling Petrochemical Co., Ltd.

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