



中国石化  
SINOPEC

## TECHNICAL DATA SHEET

Product Name: SBS  
Product Grade: YH-805E

### Product Description:

SBS YH-805E is a radial triblock copolymer and oil extended based on styrene an butylene with bound styrene content of 38-42%.

### Physical Properties:

Item	Unit	Standard
Appearance		White
Tensile Strength	Mpa	≥14
Hardness Shore A		≥62
Ash	%	≤0.20
Defomation at break	Mpa	≤45
Volatility	%	≤0.7
Stress at 300%	Mpa	≥1.4
MFR	g/10min	0.01-0.5
Yellow Index		≤10
Oil extend	%	33

### Typical Applications:

- Bituman modification: 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.
- Adhesives: using together with hydrocarbon resin C5 to produce adhesives and sealants.

### Manufacturer:

Sinopec Baling Petrochemical Co., Ltd.

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