

Sinopec YH-502T

Thermoplastic Elastomer

Hydrogenated Styrene-Butadiene Block Copolymer

Brief Introduction

Sinopec SEBS YH-502T is a clear linear triblock copolymer based on styrene and ethylene/butylene, S-E/B-S, with bound styrene of 30%mass.

Specification

Characteristic of Sinopec YH-502T

Property	YH-502T
Styrene Content, %.	30
Solution Viscosity (10%,25℃,mPa.s)	150-250
Volatile Matter, %.	≤1.0
Hardness Shore A.	≥68
Tensile Strength, Mpa	≥18
Elongation, %	≥450
Permanent Deformation	≤40
Degree of Hydrogenation	≥97
YI	≤4.0
300% Modulus, Mpa	≥3

Note: Values are typical unless otherwise specified.

Packaging

Sinopec SEBS YH-502T is available with the form of pellet and packed in 13kg paper bags.

Applications

Sinopec SEBS YH-502T is used for formulating adhesives and coatings, as a base material for compound formulations, as a modifier of thermoplastics and as a modifier of bitumen. The inherent stability of the midblock suggests the use of YH-502T in applications that must withstand weathering and high processing temperatures.