

Product Name: SIS

Product Grade: YH-1105

Product Description:

SIS YH-1105 is a clear, linear triblock copolymer based on styrene and isoprene with a polystyrene content of 15%.

Physical Properties:

Item	Unit	Standard
APPEARANCE		White
VOLATILITY	Wt, %	≤ 0.70
ASH CONTENT	Wt, %	≤ 0.20
YELLOW INDEX		≤ 6.0
SOLUTION VISCOSITY	MPa.s	1100–1600
BOUND STYRENE	Wt, %	15.0 ± 2.0
DI-BLOCK	Wt, %	< 1.0
MELT FLOW RATE	g/10min	8.0–12.0
TENSILE STRENGTH	Mpa	≥ 12.0
ELONGATION AT BREAK	%	≥ 1050

Typical Applications:

SIS YH-1105 is used as an ingredient in formulating adhesives, sealants and coatings. It may also find use as a modifier of bitumen or thermoplastics and in compound formulations.

Manufacturer:

Sinopec Baling Petrochemical Co., Ltd.