

## SIS1130

### STYRENE-ISOPRENE- STYRENE (SIS) BLOCK COPOLYMER



- High-performance labels and tapes
- Specialty packaging adhesives & Superior adhesion to LDPE/PP films
- Medical device bonding solutions
- Impact modification for engineering plastics (HIPS, PP)
- Elasticity enhancement for specialty compounds
- Construction and industrial sealants
- Asphalt modification for road materials

## PRODUCT INTRODUCTION

SIS 1130 is a premium styrene-isoprene-styrene triblock copolymer manufactured through proprietary sequential anionic polymerization. Featuring a linear structure with optimized diblock content (~19%), this porous particle material delivers exceptional thermal stability and melt processability, surpassing conventional SBS in mixing efficiency and production performance.

## TYPICAL VALUE ——— SIS-1130 ———

POLYMER PERFORMANCE	TEST METHOD	UNIT	TYPICAL VALUE[1]
Styrene Content	GB/T 13646	wt.%	15
Diblock Ratio	GB/T 1812-2017	wt.%	19
Melting Flow Rate [2]	GB/T 3682.1-2018	g/10min	9
Solution Viscosity[3]	SH/T 1610-2011	mPa · s	950
Volatiles	GB/T 24131-2009	wt.%	0.50
Ash	GB/T 4498-2013	wt.%	0.10
Physical performance			
Tensile Strength	GB/T 528-2009	MPa	17
Elongation at Break	GB/T 528-2009	%	1300
Permanent Tensile Set Value	GB/T 528-2009	%	15
Hardness	GB/T 531-2008	ShoreA	26