SIS6620

STYRENE-ISOPRENE-STYRENE (SIS) BLOCK COPOLYMER

- Labels & Tapes: Removable lables for logistics, food packaging, and Industrial tapes(carton-sealing & double-sided), Superior low-temperature flexibility, ideal for Cold-chain label & tape.
- Medical & Hygiene Products: Skin-friendly medical tapes & wound dressings, diapers & sanitary products
- Impact modification for engineering plastics (HIPS, PP), used in automotive interiors, consumer goods, and industrial parts.
- Elasticity enhancement for specialty compounds
- Construction & Automotive sealants: Window/door sealants, Automotive weld seam sealing

PRODUCT INTRODUCTION

SIS 6620 is a high-performance star-shaped SIS copolymer engineered for demanding adhesive and polymer modification applications. With its optimized molecular structure (66% block content) and low styrene content (19%), SIS 6620 delivers exceptional elasticity, rapid melt processing, and superior adhesion performance, making it an ideal choice for hot-melt adhesives (HMPSA), sealants, and polymer enhancement.

TYPICAL VALUE — SIS-6620

POLYMER PERFORMANCE	TEST METHOD	UNIT	TYPICAL VALUE[1]
Styrene Content	GB/T 13646	wt.%	19
Diblock Ratio	GB/T 1812-2017	wt.%	33
Melting Flow Rate [2]	GB/T 3682.1-2018	g/10min	19
Solution Viscosity[3]	SH/T 1610-2011	mPa ·s	450
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	8
Elongation at Break	GB/T 528-2009	%	1000
Permanent Tensile Set Value	GB/T 528-2009	%	34
Hardness	GB/T 531-2008	ShoreA	40