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## TECHNICAL DATA SHEET

### SIS-1500

**SIS-1500** is a clear, linear Tri-block copolymer based on styrene and isoprene, with a polystyrene content of 15%.

The appearance of the product is transparent or translucent dense particles, with excellent thermal stability and good viscosity.

**SIS-1500** is used as an ingredient in formulating adhesives, sealants and coatings. It may also find use as a modifier of bitumen and polymers.

Product Specifications			
Test Items	Unit	Test Method	Sales Specification Range
Polystyrene Content	Wt%	GB/T 13646-2013	15.0±2.0
Di-block Content	Wt%	SH/T 1812-2017 Appendix A	<1
Yellow Index		HG/T 3862-2006	≤6.0
Solution Viscosity (25°C, 25% Toluene)	mPa · s	SH/T 1610-2011 Appendix B	≤2500
Melt Flow Rate (200°C, 5kg)	g/10min	GB/T 3682.1-2018 Method A	8.0~12.0
Tensile Strength	MPa	SH/T 1610-2011 Appendix A	≥12.0
300% Constant Extension Stress	MPa	SH/T 1610-2011 Appendix A	≥0.5
Elongation at Break	%	SH/T 1610-2011 Appendix A	≥1050
Hardness	Shore A	GB/T 531.1-2008	40±5
Volatile Matter	Wt%	GB/T 24131-2009	≤0.70
Ash	Wt%	GB/T 4498.1-2013	≤0.20

### **PACKING**

**SIS-1500** is available in 20Kg bags.

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