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TECHNICAL DATA SHEET

SIS-1516

SIS-1516 is a clear, linear triblock copolymer based on styrene and isoprene, with a polystyrene content of 15% and a Di-block content of 16%.

SIS-1516 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	16 ± 1.5
Yellow Index		HG/T 3862-2006	≤ 6.0
Solution Viscosity (25°C, 25% Toluene)	mPa · s	SH/T 1610-2011 Appendix B	800 ~ 1600
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	≥ 10.0
Elongation at Break	%	SH/T 1610-2011 Appendix A	≥ 1000
Hardness	Shore A	GB/T 531.1-2008	30 ± 5
Volatile Matter	Wt%	GB/T 24131-2009	≤ 0.70
Ash	Wt%	GB/T 4498.1-2013	≤ 0.20

PACKING

SIS-1516 is available in 20Kg bags.

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