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TECHNICAL DATA SHEET

SIS-1650

SIS-1650 is a clear, linear block copolymer based on styrene and isoprene, with a polystyrene content of 16% and a Di-block content of 50%.

SIS-1650 fluidity is good, suitable for tape, label field. It can ensure that the adhesive has better punching and cutting performance, and meet the requirements of automatic production such as tape and label.

Product Specifications			
Test Items	Unit	Test Method	Sales Specification Range
Polystyrene Content	Wt%	GB/T 13646-2013	16.0 ± 2.0
Di-block Content	Wt%	SH/T 1812-2017 Appendix A	50 ± 3.0
Yellow Index		HG/T 3862-2006	≤ 6.0
Solution Viscosity (25°C, 25% Toluene)	mPa · s	SH/T 1610-2011 Appendix B	≤ 1000
Melt Flow Rate (200°C, 5kg)	g/10min	GB/T 3682.1-2018 Method A	8.0 ~ 14.0
Tensile Strength	MPa	SH/T 1610-2011 Appendix A	≥ 4.0
300% Constant Extension Stress	MPa	SH/T 1610-2011 Appendix A	≥ 0.3
Elongation at Break	%	SH/T 1610-2011 Appendix A	≥ 1100
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-1650 is available in 20Kg bags.

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