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TECHNICAL DATA SHEET

SIS-1412

SIS-1412 is a clear, hybrid of branched copolymer and linear triblock copolymer based on styrene and isoprene, with a polystyrene content of 14% and a Di-block content of 12%.

SIS-1412 is standard type with balanced adhesive performance mainly used in tape adhesive. It may also can use in sealants, coatings and modifier of bitumen and polymers.

Product Specifications			
Test Items	Unit	Test Method	Sales Specification Range
Polystyrene Content	Wt%	GB/T 13646-2013	14.0 ± 2.0
Di-block Content	Wt%	SH/T 1812-2017 Appendix A	12 ± 1.5
Yellow Index		HG/T 3862-2006	≤ 6.0
Solution Viscosity (25°C, 25% Toluene)	mPa · s	SH/T 1610-2011 Appendix B	1400 ~ 1600
Melt Flow Rate (200°C, 5kg)	g/10min	GB/T 3682.1-2018 Method A	8.0 ~ 11.0
Tensile Strength	MPa	SH/T 1610-2011 Appendix A	≥ 18.0
Elongation at Break	%	SH/T 1610-2011 Appendix A	≥ 1000
Hardness	Shore A	GB/T 531.1-2008	36 ± 3
Volatile Matter	Wt%	GB/T 24131-2009	≤ 0.60
Ash	Wt%	GB/T 4498.1-2013	≤ 0.20

PACKING

SIS-1412 is available in 20Kg bags.

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