



SIS YH-1106

Product Description

Sinopec SIS 1106 is a styrene - isoprene block copolymer in the form of white porous particle or translucent compact particle, with features of good thermo-plasticity, high elasticity, good melt fluidity, good compatibility with tackifying resin, safe and non-toxic. It can be applied to the hot-melt pressure-sensitive adhesives, solvent cements, flexible printing plates, plastics and asphalt modification. It is the ideal raw materials of adhesives used to manufacture packing bags, sanitation supplies, double-sided adhesive tapes and labels.

Technical Data Sheet

Typical Properties	Unit	Specification	Test Method
Structure		Linear	/
Block Content Ratio (S/I)	%	16/84	/
Volatile Matter	%	≤ 0.70	GB/T 24131.1-2018
Ash Content	%	≤ 0.20	GB/T 4498.1-2013
Combinated Styrene Content	%	16.0 ± 2.0	GB/T 13646
Diblock Content	%	16.5 ± 2.0	Q/SH 1085 041-2019
MFR @ 200°C, 5Kg	g/10min	8.0~14.0	GB/T 3682.1-2018
Tensile Strength	Mpa	≥ 10.0	GB/T 528-2009
Elongation	%	≥ 1050	GB/T 528-2009
Yellow Index		≤ 6.0	HG/T 3862
Toluene Solution Viscosity @ (25%, 25°C)	mPa·s	700~1200	SH/T 1610-2011
Appearance		White Particle	/

Main Application:

Pressure-sensitive adhesive tapes and label paper, with good initial adhesion and high peel strength.

Packing:

20kg paper-plastic packing bag.