

## SIS1300

### Styrene-Isoprene-Styrene (SIS) block copolymer

SIS-1300 is a styrene-isoprene-styrene triblock copolymer produced via proprietary sequential anionic polymerization, linear structure. Form is porous particle with outstanding thermal stability and melt process ability, is easier to be processed and mixed than SBS, with small solution viscosity. It is mainly used in hygienic products, the base material is with outstanding adhere ability, with a good balance property between adhesion and plastic move migration.

Typical Value

<i>Polymer performance</i>	<b>Test method</b>	<b>Unit</b>	<b>Typical Value<sup>[1]</sup></b>
Styrene Content		wt. %	29
Diblock Ratio		wt. %	<1
Melting Flow Rate <sup>[2]</sup>	GB/T 3682-2000	g/10min	11
Solution Viscosity <sup>[3]</sup>		mPa·s	280
Volatiles	GB/T 24131-2009	wt. %	0.50
Ash	GB/T 4498-2013	wt. %	0.10
<i>Physical performance</i>			
Tensile Strength	GB/T 528-2009	MPa	22
Elongation at Break	GB/T 528-2009	%	900
Permanent Tensile Set Value	GB/T 528-2009	%	24
Hardness	GB/T 531-2008	ShoreA	60

Note::

[1] Typical value should not be considered as final product specifications

[2] Test condition: 200°C/5 kg

[3] 25°C , 25 Wt.% toluene solution

◆ Package: 20±0.15 KG/bag or customer requirement

**Producer:** Shandong Jusage Technology Co, Ltd. **Add:** No.9 Guangda Road Economic Development Zone

Guangrao Shandong

**Tel:** 086-546-6920991 **Fax:** 086-546-6921269

<http://www.jusage.com>