

## SIS4270

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

SIS-4270 is a star-shaped polymer of styrene-isoprene-styrene produced by proprietary sequential anionic polymerization with a diblock ratio of about 74% . Porous particles, with excellent thermal stability and melt processing ability, cohesion, easier than SBS processing and mixing, mainly used for labels, tape, waterproof hot melt pressure sensitive adhesive

Typical Value

<i>Polymer performance</i>	<b>Test method</b>	<b>Unit</b>	<b>Typical Value<sup>[1]</sup></b>
Styrene Content		wt. %	16
Diblock Ratio		wt. %	75
Melting Flow Rate <sup>[2]</sup>	GB/T 3682-2000	g/10min	23
Solution Viscosity <sup>[3]</sup>		mPa·s	400
Volatiles	GB/T 24131-2009	wt. %	0.60
Ash	GB/T 4498-2013	wt. %	0.10
<i>Physical performance</i>			
Tensile Strength	GB/T 528-2009	MPa	3
Elongation at Break	GB/T 528-2009	%	1300
Permanent Tensile Set Value	GB/T 528-2009	%	24
Hardness	GB/T 531-2008	ShoreA	20

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

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