

Qingdao Hongsheng New Material Co.,LTD

China
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Hisheng HI5003 Polymer

Data Document

Identifier: Qingdao Hongsheng New Material Co.,LTD

Description

Hisheng HI5003 is a clear, linear triblockcopolymer based on styrene and isoprene, with a polystyrene content of 16%. It is supplied from China .

Hisheng HI5003 is used as an ingredient in formulating hygiene adhesives, pressure sensitive adhesive ,waterproofing membrane ,sealants and coatings. It may also find use as a modifier of bitumen and plastic modification

Sales Specifications

Property	Unites	Range
PolyStyrene Content	Wt%	13.0 TO 17.0
Diblock Content	Wt%	19 TO 26
Melt Flow Rate	G/10min	10.0 TO 13.0
Tensile Strength	MPa	>7
Elongation at Break	%	>1050
Solution Viscosity	mPa.s	650-1500
Volatile Matter	Wt%	<0.75
Ash	Wt%	<0.2

Typical Value (There are typical values and may not usually be measured on shipmmments)

Property	Unites	Range
PolyStyrene Content	Wt%	15.0
Diblock Content	Wt%	25.0
Melt Flow Rate	G/10min	11.0
Tensile Strength	MPa	16
Elongation at Break	%	1100
Solution Viscosity	mPa.s	720
Volatile Matter	Wt%	0.37
Ash	Wt%	0.08

Packaging

20kgs small bags ,with pallet or without pallet

600kgs woven bag with pallet

End Use Requirements

If the finished article is intended for use in food contact and packaging applications, toys, or human contact areas, manufacturers of the final product should observe all relevant regulations. Some of these regulations require tests to be carried out on the final product, e.g. migration. These are the responsibility of the final product manufacturer. Information on the food packaging clearances of individual products is available.

Safety and Handling Precautions

Read the Safety Data Sheet carefully and thoroughly before beginning any work.

Legal Disclaimer

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