



Better Quality Better Service

Technical Data Sheet

Ningbo Jinhai Chenguang Chemical Corporation

P.C. 315207

No.2666, Binhai Road, Ningbo Petrochemical Economic and Technological Development Zone, Zhejiang Province, China.

TEL: 0086-574-8765 3737

FAX: 0086-574-8765 7399

Mar. 2020

FIRMTACK™ JH-7401 Thermoplastic Elastomer SBS

FIRMTACK™ **JH-7401** is a clear, linear triblock copolymer based on styrene and butadiene, with a polystyrene content of 40%. **JH-7401** is used as an ingredient in formulating adhesives, soles and TPR. It may also find use as a modifier of polymers.

Product Specifications:

Item	Unit	Sales specification range
Structure	-	Linear
Volatile Matter	wt%	≤1.0
Ash Content	wt%	≤0.2
Tensile Strength	MPa	≥24
Modulus (300%)	MPa	≥3.5
Elongation at break	%	≥680
Permanent set after break	%	≤55
Hardness	shore A	≥88
Melt index[2]	g/10min	0.1-5.0

Typical values:

Item	Unit	Value
SM/BD		40/60
Color	YI	1.00
Volatile Matter	wt%	0.53
Ash Content	wt%	0.08
Tensile Strength	MPa	32.0
Modulus (300%)	MPa	6.0



Better Quality Better Service

Elongation at break	%	725
Permanent set after break	%	44
Hardness	shore A	90
Melt index at 200°C/5Kg	g/10min	1.54
Mn	g/mol	78000
Mw	g/mol	78780

Applications

- a) Adhesives
- b) Sole
- c) TPR
- d) modifier of polymers

Packaging and supply

Package:

Packing size: 20kg in paper-plastic composite bag;

Super sack packaging: From 500kg to 1000kg in one sack upon the customers' requirements.

Supply:

Supplied on shrink-wrapped pallets of 50 bags from Jinhai's facilities in China.

Storage

Pelletized forms of resins may block or lump in hot weather climates or if stored near heat sources. Inside storage is recommended and keep at temperature not exceeding 30°C. The useful life of this product can be affected by storage and handling conditions. When stored in the original unopened container in an enclosed area and protected from moisture, extreme temperatures and contamination, the shelf life of this product is estimated to continue to meet applicable sales specifications for 12 months from the date of manufacture. Shelf Life is a guide not an absolute value. The product should be reanalyzed for critical properties at the end of its shelf life to see if it meets specification for use.

Product Safety

Read and understand the Material Safety Data Sheet before using HAIRUBBER™ JH-7401.