TAIPOL®

TAIPOL® 6153

Styrene-Ethylene/Butylene-Styrene (SEBS) Block Copolymer

TAIPOL® 6153 is a linear triblock copolymer with 29% styrene content.

The product exhibits the following characteristics:

- Medium to Low molecular weight
- Superior weather and heat resistance
- Good compatibility with plastics and oils
- Suitable for footwear, adhesives, sealants, coatings, asphalt modification, plastic modification and thermoplastic elastomer compound

TAIPOL® 6153 (SEBS) is offered as a powder supplied from China PRC and Taiwan.

Polymer Properties	Test Method	Unit	Typical Value (1)
Diblock Content	TSRC Method	wt%	<1
Specific Gravity	ASTM D792	-	0.91
Hardness	ASTM D2240	Shore A	76
Tensile Strength	ASTM D412	MPa	27
Elongation at Break	ASTM D412	%	500
Solution Viscosity (2)	TSRC Method	cP	2500

Sales Specification	Test Method	Unit	Range	
			Min	Max
Styrene	TSRC Method	wt%	27.5	30.5
Volatile Matter	TSRC Method	wt%	-	0.5
Ash (w/o AB)	ASTM D5667	wt%	-	0.2
Ash (w/ AB)	ASTM D5667	wt%	-	1.0
Melt Flow Rate (3)	ASTM D1238	g/10min	-	-

1) Not to be construed as specifications
2) 20 wt% in Toluene, 25°C
3) 230°C/2.16kg

TAIPOL® 6153 hydrogenated styrenic block copolymer is produced via TSRC's proprietary anionic polymerization technology.

TAIPOL® hydrogenated styrenic block copolymers are available in a number of different packaging types and 36 months from date of production in dry conditions; exposure to light has to be avoided. Consult your TSRC Sales Representative for more information on packaging options and shelf life and for regulatory compliance information.

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PRODUCT STEWARDSHIP:

TSRC has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our Product Stewardship philosophy by which we assess the safety, health and environmental information on our products and then take appropriate steps to protect employee and public health, and our environment. The success of our Product Stewardship program rests with each and every individual involved with TSRC products – from the initial concept and research, to manufacture, use, sale, and disposal of each product.

CUSTOMER NOTICE:

TSRC strongly encourages its customers to review both their manufacturing processes and their applications of TSRC products from the standpoint of human health and environmental quality to ensure that the products are not used in ways for which they are not intended or tested. TSRC personnel are available to answer your questions and to provide reasonable technical support. TSRC product literature, including safety data sheets, should be consulted prior to use of the products. Contact your TSRC Sales Representative or visit www.tsrc.com.tw for more information.

LIMITED WARRANTY:

There are no warranties which extend beyond the product description herein, and seller makes no warranty, express or implied, of fitness for particular use, merchantability or otherwise with respect to product, whether used singly or in combination with other substances or in any process, except that product sold hereunder shall conform to seller's standard sales specifications as of the date of the shipment. Without limiting the foregoing, seller does not recommend or endorse the use of product(s) in any medical application and specifically disclaims any representation or warranty, express or implied, of suitability or fitness for use or otherwise, with respect to product(s)' use in any medical application. Buyer represents and warrants that no product(s) purchased hereunder will be used in or resold into any commercial or developmental manner in connection with medical applications without seller's prior express written acknowledgement, further, buyer agrees that it will make no representations, express or implied, to any person to the effect that seller recommends or endorses the use of product(s) purchased hereunder in any medical application.

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