

苯乙烯-丁二烯橡胶
SBR 1502

Date: Dec., 2023

聚合体系 Polymerization System: 低温乳液聚合 Cold Emulsion Polymerization

乳化剂 Emulsifier: 松香酸钾皂和脂肪酸皂的复合皂 Mixture of potassium rosinat soap and fatty acid soap

防老剂 Antioxidant: 浅色 Non-staining

比重: Specific Gravity: 0.94

性能: 适用于浅色橡胶制品, 具有较佳的耐磨性能、拉伸强度、耐老化、耐屈挠性能。

Characteristics: for light rubber products, good abrasion resistance, good tensile strength, good ageing resistance, good flex resistance.

应用: 轮胎、浅色透明鞋底、橡胶布、浅色运动器材、地板和其他橡胶工业制品。

Application: tire, light-colored transparent sole, rubber cloth, light fitness equipment, flooring and other industrial rubber products.

规格值 (Specification Values)

生胶性能 (Polymer Properties)	最小值 (Min.)	最大值 (Max.)	试验方法 (Test Method)
挥发分 (Volatile Matter), %	---	0.60	GB/T 24131.1-2018, 热辊法 B 法
灰分 (Ash), %	---	0.40	GB/T 4498.1-2013 A 法
有机酸 (Organic Acid), %	4.50	6.75	GB/T 8657-2014 B 法
皂 (Soap), %	---	0.40	
结合苯乙烯 (Bound Styrene), %	22.5	24.5	GB/T 8658-1998
生胶门尼粘度 (Mooney Viscosity) ML(1+4)100℃	45	55	GB/T 1232.1-2016, 过辊法
混炼胶性能@145℃ (Compound Properties Vulcanized at 145℃) GB/T 8656-2018 中 5.1 表 2 之 A 系列标准试验配方, A1 开炼法, 1 型裁刀。			
混炼胶门尼粘度 (Compound ML(1+4)100℃)	---	87	GB/T 1232.1-2016
拉伸强度 (Tensile Strength), MPa 35min	24.5	---	GB/T 528-2009
拉断伸长率 (Elongation at Break), % 35min	350	---	
300%定伸应力 (300% Modulus), MPa 35min	16.1	20.1	

试验配方 (Test Recipe)	PART
SBR 1502	100.00
高耐磨炭黑 (HAF Black) (ASTM IRB No.8)	50.00
氧化锌 (Zinc Oxide)	3.00
硬脂酸 (Stearic Acid)	1.00
促进剂 TBBS (Accelerator TBBS)	1.00
硫磺 (Sulfur)	1.75
合计 (Total)	156.75

包装: 胶块用聚乙烯薄膜包封, 内衬 PE 编织布的牛皮纸袋或 MB5 箱包装, 每块净重(35±0.20)kg。

Package: Sealed with PE film, packaged with kraft bag lined with HDPE or MB5 box for rubber blocks, A block weighs (35±0.20) kg without PE film and kraft bag.

注意: 须使用当前的工业参比物质炭黑和标准药品。若使用其他炭黑, 数据须修正。

Note: Must use the current IRM carbon black and standard chemicals. If use other carbon black, the results should be corrected.