

SOL-1205

Solution Styrene Butadiene Rubber (SSBR)

Product Introduction

- Kumho SOL-1205 is a linear random-block copolymer based on styrene and butadiene with a total styrene content of 25% and a block styrene content of 20%.
- It is non-oil extended clear SSBR.
- It has a non-staining, nonylphenol-free antioxidant system, and is complying with FDA regulations on food contact applications.

Product Properties

Property	Typical value	Test Method
Mooney viscosity, ML1+4 @100°C	50	ASTM D1646
Total styrene content (%)	25	NMR
Block styrene content (%)	20	NMR
Volatile matter (wt% max)	0.3	ASTM D5668
Specific gravity	0.93	ASTM D297

Characteristics and Applications

- Paving : Improve low temperature flexibility, Enhance resistance to crack, Lower the viscosity of PMB
- Adhesives & Sealants : Improve tack property, Give low temperature flexibility
- Plastic modification : Enhance impact resistance
- Footwear : Applied to soles and heels, Improve dimensional stability

Manufacturer location

- Yeosu plant in Korea

Product safety

- Relevant safety data and references can be found in the safety data sheet.

Shelf life/Conditions

- 2 years from the production date at temperatures not exceeding 35 °C, keeping away from direct sunlight, humidity

Packaging

- Bale weight : 35kg
- Pallet weight : 1,050kg (30 bales)

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