

KUMHO SOL[®] 1205

Technical Data Sheet

| Product Description |

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 has a non-staining, nonylphenol-free antioxidant system, and is complying with FDA regulations on food contact applications.

| Typical Properties |*

Property	Test method	Value
Mooney viscosity, ML ₁₊₄ @100°C	ASTM D1646	50
Total styrene content (%)	NMR	25
Block styrene content (%)	NMR	20
Volatile matter (wt% max)	ASTM D5668	0.65
Specific gravity	ASTM D297	0.93
Applications		Paving Adhesives & Sealants Plastic modification Footwear Vulcanized compounding

*The above property is typical, therefore there may be a slight difference from the physical properties of the supplied products.

| Applications & Characteristics |

Application fields	Characteristics
Paving	<ul style="list-style-type: none">• Improve low temperature flexibility• Enhance resistance to crack• Lower the viscosity of PMB
Adhesives & Sealants	<ul style="list-style-type: none">• Improve tack property• Give low temperature flexibility
Plastic modification	<ul style="list-style-type: none">• Enhance impact resistance
Footwear	<ul style="list-style-type: none">• Applied to soles and heels• Improve dimensional stability

| Package |

Available in 35kg bales wrapped in LDPE film.

Styrene-butadiene film is also available, especially for polymer modification by chemical reaction.

| Handling Precaution |

The direct exposure to sunlight, heat, and humidity may cause discoloration or deterioration.

Keep the product away from sunlight, humidity, and chemicals, and store in cool and dry places below 35°C.