

Technical Data Sheet

# KHS 68

## (High Styrene Resin)

- KUMHO KHS is manufactured by mixing SBR latex of 23.5wt% styrene contents with high styrene latex.
- It is highly resistance to abrasion, flex and tear.
- It can be loaded with a large amount of filler without deteriorating the physical properties, because it functions as a plasticizer at high temperature during the rubber compounding, such as milling, extruding and calendaring.
- KUMHO KHS is widely used for shoes and heels, rubber hoses, sponges, autoparts and mechanical goods.

### Product Properties

Main properties	Test method	Specification value
Volatile Matter (%)	ASTM D5668	1.5 Max
Ash Content (%)	ASTM D5667	0.8 Max
Organic Acid (%)	ASTM D5774	4.5±1
Soap Content (%)	ASTM D5774	0.5 Max
Total Styrene (%)	-	67.5±2
Raw mooney viscosity (ML5+4 at 100 °C)	-	62±7
Appearance	-	Pop corn type

### Compound Properties

Main properties	Test method	Specification value
Hardness (Shore-A)	ASTM D412	97
Tensile Strength (kgf/cm <sup>2</sup> )	ASTM D412	149
Elongation (%)	ASTM D412	380
300% Modulus (kgf/cm <sup>2</sup> )	ASTM D412	120

\* HSR 100, SBR1502 50, ZnO 5, S/A 0.5, DM 2.5, TT 0.2  
145 °C x 50min, Press Vulcanization

### Manufacturer location

- Ulsan in Republic of KOREA

### Product safety

- Relevant safety data and references can be found in the safety data sheet.
- If KHS is exposed to sunshine or moisture, it will be lowering of quality.  
Please be stored in refreshed area & pay attention to mix the antimatter

### Packaging

- Small bag : 20kg
- Pallet weight : 500 kg (25 bags)

#### Sales (Headquarter)

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