

KUMHO HSR

High Styrene Resin

Product Introduction

- KUMHO HSR is an emulsion resin-rubber masterbatch.
- It exhibits an exceptional hardness at low specific and a high resistance to abrasion and tearing.
- It provides better processability in milling, extruding and calendaring as a plasticizer at high temperature.

Product Properties

Property	KHS68	RM21	RM21L	Test Method
Volatile Matter (%)	1.5	0.5	0.5	ASTM D5668
Ash Content (%)	0.8	0.8	0.8	ASTM D5667
Bound Styrene (%)	68	21	21	ASTM D5775
MLI+4 @100 °C	62	41	22	ASTM D1646
Organic Acid (%)	4.5	6.0	6	ASTM D5774
Soap Content (%)	0.5	0.5	0.5	ASTM D5774

Characteristics and Applications

- Typical application is for tire tread by mixing with NR, BR and any other rubber.
- Compatible with carbon black, making it widely used for shoe sole, sponge and industrial goods.

Manufacturer location

- Ulsan plant in Korea

Product safety

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

Shelf life/Conditions

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

Packaging

- Bale weight : 20 kg (KHS68), 35kg (RM21, RM21L)

Head Office (Sales)
Signature tower, East-wing 11F
100, Cheonggyecheon-ro, Jung-gu, Seoul, Korea
Tel. +82-2-6961-1600 Fax. +82-2-6961-1619
www.kkpc.com

Research Center (Technical Service)
57-1, Hwaam-Dong, Yuseong-Gu, Daejeon, KOREA
Tel. +82-42-865-8683 Fax. +82-42-865-8791
pskim@kkpc.com