

## **Product description:**

KISBO1 ISM SBR 75 is a Styrene-Butadiene Rubber, compounded with carbon black and is sulfur curable.

## **Chemistry:**

Styrene-Butadiene Rubber is a synthetic rubber comprising of Styrene and Butadiene monomers. The random copolymer has characteristics like Natural rubber and Styrene in the range of 10 to 25% contributing to good weather and bonding characteristics.

## **Properties:**

Good Resilience and Tensile Strength, Resistance to Abrasion.

## **Applications:**

Rubber sheets, Automotive and Industrial applications such as beltings, insulation for wire, roll covering, gaskets, seals.

## **Service temperature:**

-40 °C to 100 °C

## **Product ranges:**

Rubber Sheets, Gaskets, Seals.

**Physical properties:**

S.NO	Description	ASTM Test Method	Unit	Specification
I	Hardness	D2240	Shore A	75 ± 5
II	Density	ASTM D792	gm/cc	1.3 ± 0.05
III	Tensile Strength, Min.	ASTM D412	Mpa	10
IV	Elongation at Break, Min.	ASTM D412	%	200
VI	Compression Set, 22 hrs @ 70°C	ASTM D395, Method B	%	30
VII	Hot Air Ageing, 70 hrs @ 70°C Change in Hardness, Max. Change in Tensile Strength, Max. Change in Elongation, Max.	ASTM D573	Pts. % %	+ 10 ± 30 -50

**NOTE: The Above Compound Meets As Per ASTM D2000 M2 AA 710.**

*The technical datasheets are derived on the basis of the service conditions and end user preference in which the values derived are given over a range of specifications which are cross checked over a variety of trials and approved with the end user conditions and calculated over a prolonged time*



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