

KUMHO KTR[®] 303

Technical Data Sheet

| Product Description |

KUMHO KTR[®] 303 polymer is a radial block copolymer based on styrene and butadiene with bound styrene of 54.5% mass. It is extended by 28.6wt% of white mineral oil. KTR 303 polymer is used in shoes outsole and other compounding industries, including plastic modification.

| Typical Properties |

Property	Value
Molecular structure	Radial (S-B) ×4
Physical form	Porous pellet
Styrene content (wt%)	54.5
Volatile matter (wt%)	0.5
Ash content (wt%)	0.4
Tensile strength (kg _f /cm ²)	206
Elongation (%)	1,050
Tensile modulus (kg _f /cm ²) at 300%	33
Hardness, shore A / 5 sec	91
Melt flow index (g/10min) at 190°C, 5kg	12
Specific gravity	0.94
Extended oil content (wt%)	28.6
Application	Footwear Compounds Plastic Modifier

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

| Package |

Packing unit [kg]
Paper bag (Pallet)
15 (600)

| 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.