

KUMHO KTR[®] 301

Technical Data Sheet

| Product Description |

KUMHO KTR[®] 301 polymer is a radial block copolymer based on styrene and butadiene with bound styrene of 41.0% mass. It is extended by 33.3wt% of white mineral oil.

| Application & Package |

KTR 301 polymer is used in shoes outsole and other compounding industries.

Grade	CAS NO	Packing unit (kg)		Application			
		Paper bag (Pallet)	Jumbo bag	Adhesive	Asphalt modifier	Plastic modifier	Footwear
KTR 101	9003-55-8	15 (600)	200, 400, 450, 500, 1000	0	0	0	0
KTR 201		20 (600)	500	0	0	0	0
KTR 301	9003-55-8 White mineral oil (CAS:8042-57-5)	20 (700)	-			0	0
KTR 401	9003-55-8	15 (600)	500, 1000		0		
KTR 401H		15 (600)	450, 500		0		
KTR 602		20 (700)	600	0		0	

| 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.

| Typical Properties |

Property	Value
Molecular structure	Radial (S-B) ×4
Physical form	Porous pellet
Styrene content (wt%)	41.0
Volatile matter (wt%)	0.5
Ash content (wt%)	0.4
Tensile strength (kg _f /cm ²)	170
Elongation (%)	800
Tensile modulus (kg _f /cm ²) at 300%	21
Hardness, shore A / 5 sec	61
Melt flow index (g/10min) at 200°C, 5kg	6
Specific gravity	0.94
Extended oil content (wt%)	33.3
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.