beyond the best
KUMHO PETROCHEMICAL

KUMHO KTR® 602

Technical Data Sheet

| Product Description |

KUMHO KTR® 602 polymer is a linear block copolymer based on styrene and butadiene with bound styrene of 40.5% mass. It is supplied in two physical forms, identified as follows in the grade nomenclature:

- **KTR 602 supplied as porous pellets**
- **KTR 602P supplied as dense pellets**

| Typical Properties |

Property	Value
Molecular structure	Linear (S-B-S)
Physical form	Porous pellet Dense pellet
Styrene content (wt%)	40.5
Volatile matter (wt%)	0.5
Ash content (wt%)	0.1
Solution viscosity at 25°C, 25wt% in toluene (cps)	600
Tensile strength (kg_f/cm^2)	340
Elongation (%)	820
Tensile modulus at 300% (kg_f/cm^2)	55
Hardness, shore A / 5 sec	91
Melt flow index at 200°C, 5kg (g/10min)	11
Specific gravity	0.95
Application	Adhesive Plastic Modifier

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

| Characteristics |

Fields	Characteristics
Adhesive - hot melt adhesive - solvent base adhesive	• High tack and adhesion property • Excellent transparency • Easy to be dissolved in various solvents
Plastic modifier - Impact modifier	• Increase elasticity and impact property • Good colorability • Reprocessable
Footwear	• Increase elasticity • Excellent transparency • Excellent low temperature flexibility

| Package |

CAS NO		Packing unit (kg)	
		Paper bag (Pallet)	Jumbo bag
9003-55-8	KTR 602	20 (700)	600
	KTR 602P	20 (800)	-

| 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.