

# KUMHO KTR<sup>®</sup> 655

## Technical Data Sheet

### | Product Description |

KUMHO KTR<sup>®</sup> 655 polymer is a linear block copolymer based on styrene and butadiene with bound styrene of 38.0% mass. It is supplied in two physical forms, identified as follows in the grade nomenclature:

- KTR 655 supplied as porous pellets
- KTR 655P supplied as dense pellets

### | Typical Properties |

Property	Value
Molecular structure	Linear (S-B-S)
Physical form	Porous pellet Dense pellet
Styrene content (wt%)	38.0
Volatile matter (wt%)	0.5
Ash content (wt%)	0.3
Solution viscosity at 25°C, 25wt% in toluene (cps)	560
Tensile strength (kg <sub>f</sub> /cm <sup>2</sup> )	270
Elongation (%)	860
Tensile modulus at 300% (kg <sub>f</sub> /cm <sup>2</sup> )	38
Hardness, shore A / 5 sec	85
Melt flow index at 190°C, 5kg (g/10min)	12
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
<b>Adhesive</b> - hot melt adhesive - solvent base adhesive	<ul style="list-style-type: none"><li>• High tack and adhesion property</li><li>• Excellent transparency</li><li>• Easy to be dissolved in various solvents</li></ul>
<b>Plastic modifier</b> - Impact modifier	<ul style="list-style-type: none"><li>• Increase elasticity and impact property</li><li>• Good colorability</li><li>• Reprocessable</li></ul>

## | Package |

CAS NO		Packing unit (kg)	
		Paper bag [Pallet]	Jumbo bag
9003-55-8	KTR 655	20 [700]	-
	KTR 655P	20 [800]	500

## | 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.