

# Kumho KTR KTR-101

Styrene Butadiene Styrene Block Copolymer

Korea Kumho Petrochemical Co., Ltd.

## Message:

KUMHO KTR ® 101 polymer is a linear block copolymer based on styrene and butadiene with bound styrene of 31.5% mass. It is supplied in two physical forms, identified as follows in the grade nomenclature:

KTR 101 supplied as porous pellets

KTR 101P supplied as powder

General Information		
Forms	Pellets	
Physical	Nominal Value	Unit
Specific Gravity	0.938	g/cm <sup>3</sup>
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	< 1.0	g/10 min
Ash Content	0.1	wt%
Oil Content	0.0	wt%
Solution Viscosity <sup>1</sup> (25°C)	4.5	Pa·s
Styrene Content	31.5	wt%
Volatile Matter	0.50	wt%
Hardness	Nominal Value	Unit
Durometer Hardness (Shore A, 5 sec)	77	
Elastomers	Nominal Value	Unit
Tensile Stress (300% Strain)	2.55	MPa
Tensile Strength (Break)	30.4	MPa
Tensile Elongation (Break)	800	%
NOTE		
1.	25 wt% in toluene	

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## Recommended distributors for this material

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