

Kumho KTR KTR 655

Styrene Butadiene Styrene Block Copolymer

Korea Kumho Petrochemical Co., Ltd.

Message:

KUMHO KTR ® 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

General Information		
Features	Block Copolymer	
Forms	Pellets	
Physical	Nominal Value	Unit
Specific Gravity	0.948	g/cm ³
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	12	g/10 min
Ash Content	0.3	wt%
Solution Viscosity ¹ (25°C)	560	mPa · s
Styrene Content	38.0	wt%
Volatile Matter	0.50	wt%
Hardness	Nominal Value	Unit
Durometer Hardness (Shore A, 5 sec)	85	
Elastomers	Nominal Value	Unit
Tensile Stress (300% Strain)	3.73	MPa
Tensile Strength (Break)	26.5	MPa
Tensile Elongation (Break)	860	%
NOTE		
1.	25 wt% in toluene	

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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