

Kumho KNB NdBR-40

Acrylonitrile Butadiene Rubber

Korea Kumho Petrochemical Co., Ltd.

Message:

Kumho NdBR is ultra high cis polybutadiene rubber, produced by 1, 3-butadiene polymerization with a novel neodymium catalyst.

They have more than 97% of 1,4-cis content.

Very low glass transition temperature around -100?

General Information			
Physical	Nominal Value	Unit	Test Method
Mooney Viscosity			ASTM D1646
-- ¹	43	MU	
-- ²	65	MU	
Ash Content	< 0.50	%	ASTM D5667
CIS Content	> 97	%	Internal Method
Volatile Matter	< 0.50	%	ASTM D5668
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (300% Strain)	9.81	MPa	ASTM D412
Tensile Strength (Break)	21.6	MPa	ASTM D412
Tensile Elongation (Break)	520	%	ASTM D412
NOTE			
1.	Raw, ML1+4 at 100°C		
2.	Compound, ML1+4 at 100°C		

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