

Kumho KBR 710H

Low Cis Polybutadiene Rubber

Korea Kumho Petrochemical Co., Ltd.

Message:

Product Introduction

Kumho KBR-710S and KBR-710H are solution low-cis polybutadiene rubber (LBR) produced with alkyllithium catalyst based.

They have 34.5% of cis content and 14.5% of vinyl content.

They are used as a base polymer in production of HIPS (High Impact Polystyrene), which is the main material applied to the manufacture of cabinets for home appliances, interior goods, toys, and everyday goods due to their excellent elasticity and vinyl content giving good reactivity.

General Information			
Physical	Nominal Value	Unit	Test Method
Mooney Viscosity ¹	68	MU	ASTM D1646
Ash Content	< 0.10	%	ASTM D5667
CIS Content	35	%	Internal Method
Gel Content	< 0.020	%	ASTM D3616
Solution Viscosity	250		Internal Method
Vinyl Content	15	%	Internal Method
Volatile Matter	< 0.70	%	ASTM D5668
APHA Color	< 15.0		ASTM D1209
NOTE			

1. Raw, ML1+4 at 100°C

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