



SABIC® BR 5510

POLYBUTADIENE RUBBER

DESCRIPTION

BR 5510 is a high cis-1,4 Polybutadiene rubber stabilized with a non-staining antioxidant. BR 5510 is manufactured by solution polymerization process using stereo-specific Nickel catalyst system to control microstructure and Molecular weight distribution and provides a highly linear polymer.

TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
CHARACTERISTIC			
Appearance	Off-white to light amber	Visual	Visual
POLYMER PROPERTIES			
Mooney viscosity			
ML 1+4 @100 °C ⁽¹⁾	55	MU	ASTM D1646
Volatile Content			
Volatiles	≤0.5	%	ASTM D5668
Organic acid	0.775	%	ASTM D5774
Ash Content			
-	≤0.25	%	ASTM D5667
Cis 1,4 Content			
-	≥96	%	SABIC method