



**PRODUCT SPECIFICATION
BROMOBUTYL RUBBER**

Product description :

Bromobutyl Rubber (BIIR) is used by the tire industry in the production of inner liner of the tubeless tires and radial tires, heat-resistant tubes, and by the rubber processing industry in the production of rubber technical items and medical items.

RAW POLYMER PROPERTIES	BBK-232	BBK-239	BBK-246
Mooney viscosity (ML 1+8 at 125 degC)	28-35	36-42	43-50
Bromine, % wt.	1.8-2.2	1.8-2.2	1.8-2.2
Ash (wt %) max.	0.7	0.7	0.7
Antioxidant (wt %) Irganox 1076, min	0.05	0.05	0.05
Volatiles (wt %), max.	0.7	0.7	0.7
Modulus at 300 % elongation, (MPa) min.	4.5	4.5	4.5
Tensile strength, (MPa), min.	14	14	14
Ultimate elongation, (%), min.	400	400	400
Vicat Softening °C, max	85	85	85
Equivalent grades			
Bayer / Polysar	2030	2040	X2
Exxon	2211/2222	2233	2244/2255
JSR		1066	2244/2255

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