

SIBR 1011 (BUTYL RECLAIM RUBBER)

TECHNICAL DATA	TEST METHOD	STANDARD
CHEMICAL PROPERTIES		
Acetone-Extract %	ASTM D297-18	6 - 12
Ash %	ASTM D297-18	2 - 6
Carbon Black %	ASTM E1131	28 - 36
RHC %	ASTM E1131	50 Min
PHYSICAL PROPERTIES		
Specific Gravity (gm/cc)	ASTM D297-93	1.10 - 1.14
Tensile Strength (Minimum)	ASTM D412	75 (kg/cm ²)
Elongation %	ASTM D412	480 Min
Mooney Viscosity (1+4) @ 100 °C	ASTM D1646	35 - 55
Hardness at Shore "A"	ASTM D2240	50 - 60

TEST RECIPE

Butyl Reclaim Rubber - 200.00, ZnO - 5.0, TMTD- 1.00, MBT - 0.50, Sulphur-2.00
 (Curing Condition : 20 min at 160 °C)

