

BUTYL RECLAIM RUBBER GRADE: HTR 1001

TECHNICAL DATA	TEST METHOD	STANDARD
CHEMICAL PROPERTIES ::		
Acetone-Extract %	ASTM D 297-18	6 - 12
Ash %	ASTM D 297-18	2 - 6
Carbon Black %	ASTM E 1131	28 - 36
RHC %	ASTM E 1131	50 Min.
PHYSICAL PROPERTIES ::		
Specific Gravity (gm / cc)	ASTM D 297-93	1.10 - 1.14
Tensile strength (Minimum)	ASTM D 412	75 (Kg/Cm ²) / 7.35 (Mpa)
Elongation %	ASTM D 412	480 Min.
Mooney Viscosity (1+4)@100'c)	ASTM D 1646	35 - 55
Hardness at Shore "A"	ASTM D 2240	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)