



# SAMSARA RUBBER RECLAIMERS LLP



## BUTYL RECLAIM RUBBER - TDS

### GRADE : SAMSARA - BR75

PROPERTIES	UNITS	TEST METHOD	SAMSARA - BR75
<b>PHYSICAL PROPERTIES</b>			
<b>MOONEY VISCOSITY</b>	ML (1+4)@100C	ASTM D1646 / IS 6306	35 - 55
<b>HARDNESS</b>	Shore A	ASTM D2240 / IS 6306	50 - 60
<b>TENSILE STRENGTH</b>	kg/cm <sup>2</sup>	ASTM D412 / IS 6306	75 Min.
<b>ELONGATION AT BREAK</b>	%	ASTM D412 / IS 6306	480 Min.
<b>SPECIFIC GRAVITY</b>	gm/cc	ASTM D297 / IS 6306	1.14 ± 0.03
<b>CHEMICAL PROPERTIES</b>			
<b>CARBON BLACK</b>	%	ASTM E1131 / IS 6306	25 - 35
<b>ASH CONTENT</b>	%	ASTM D297 / IS 6306	6 Max.
<b>ACETONE EXTRACT</b>	%	ASTM D297 / IS 6306	10 ± 3
<b>VOLATILE MATTER</b>	%	-	1 Max.
<b>RUBBER HYDROCARBON</b>	%	ASTM E1131 / IS 6306	47 Min.

<b>CURING (20 min @160°C)</b>	
<b>BUTYL RECLAIM RUBBER</b>	200
<b>ZnO</b>	5
<b>SULPHUR</b>	2
<b>TMTD</b>	1
<b>MBT</b>	0.5

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