



BALAJI RUBBER INDUSTRIES PVT LTD

AN ISO 9001:2015 CERTIFIED COMPANY

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PRODUCT DATA SHEET

	NATURAL RECLAIMED RUBBER						SYNTHETIC RECLAIMED RUBBER			
Technical Data	Whole Reclaimed Rubber						Tube Reclaim			
Grades	High Tensile Reclaimed Rubber HTR-704	High Tensile Reclaimed Rubber HTR-704	Superfine WTR - 5504 / BRI - 504	Medium BRI- 522	Coarse BRI - 540	Natural Rubber Tube Reclaimed NTR - 703	Butyl Reclaimed ERP - 501	Butyl Reclaimed ERP - 505	Chloro Butyl CBR - 701	EPDM Reclaimed EPR - 702
Physical Appearance	Black Slab	Black Slab	Black Slab	Black Slab	Black Slab	Black Slab	Black Slab	Black Slab	Black Slab	Black Slab
CHEMICAL PROPERTIES										
ACETONE - EXTRACT %	14 ± 3	14 ± 3	14 ± 2.5	14 ± 3	14 ± 3	12 ± 4	10 ± 3	10 ± 3	13 ± 3	30 ± 5
ASH CONTENT %	7 ± 2	7 ± 2	7 ± 2	7 ± 2	7 ± 2	Max 28	4 ± 2	4 ± 2	4 ± 2	Max 20
CARBON BLACK %	26 ± 3	26 ± 3	25 ± 3	25 ± 2	25 ± 2	17 ± 7	Min 28	Min 27	Min 27	25 ± 5
RUBBER HYDRO CARBON %	Min 47	Min 47	Min 47	Min 46	Min 46	Min 40	Max 50	Max 50	Max 50	Min 30
VOLATILE MATTER %	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
PHYSICAL PROPERTIES										
SPECIFIC GRAVITY	Max 1.15	Max 1.15	1.12 ± 0.02	1.12 ± 0.02	1.12 ± 0.02	1.25 ± 0.05	1.12 ± 0.02	1.12 ± 0.02	Max 1.15	Max 1.14 ± 0.02
TENSILE STRENGTH KG/SQ.CM	Min 70	Min 60	Min 40	Min 35	Min 30	Min 30	Min 80	Min 70	Min 60	Min 60
ELONGATION %	Min 250	Min 230	Min 200	Min 180	Min 180	Min 225	Min 480	Min 400	Min 400	Min 300
HARDNESS SHORE "a"	55 ± 5	55 ± 5	60 ± 3	60 ± 3	60 ± 3	60 ± 5	55 ± 5	55 ± 5	45 ± 5	55 ± 5
MOONEY VISCOSITY ML (1+4) @ 100 °C	40-60	40-60	30 - 55	25 - 55	25 - 55	20 - 50	30 - 45	30 - 50	40 - 60	40 - 60



THE HOUSE OF RECLAIMED RUBBER

