

## STANDARD SPECIFICATIONS SHEET

Technical Name	RECLAIMED BUTYL			
	Testing Methods	Butyl Reclaim	High Tensile Butyl Reclaim	Butyl Curing Bag Reclaim
Commercial Name			GRP BRI75	GRP BRI85

### TECHNICAL SPECIFICATIONS

Ash %	ISO 247	5 ± 2	5 ± 2	8 Max.
Carbon Black %	ISO 1408	32 ± 4	32 ± 4	35 Max.
Acetone Extract %	ISO 1407	9 ± 3	9 ± 3	15 Min.
Volatile Matter %	ISO 248	1 Max.	1 Max.	1 Max.
RHC by Diff. %	By Difference	50 Min.	50 Min.	45 Min.
Sp. Gravity	ISO 2781	1.14 ± 0.02	1.14 ± 0.02	1.15 ± 0.05
Tensile Strength (Kg/Cm <sup>2</sup> )	ISO 37, ISO/DTS 16096	75 Min.	85 Min.	30 Min.
Elongation at Break %	ISO 37, ISO/DTS 16096	480 Min.	500 Min.	350 Min.
Massed Mooney Viscosity, ML (1+4) at 100°C	ASTM D1646	37 ± 8	37 ± 8	45 ± 15
Hardness (Shore A)	ISO 7619	51 ± 3	51 ± 3	40 ± 5

### PHYSICAL SPECIFICATIONS

Grain Size	Visual	Superfine	Superfine	Superfine
Sheet Thickness	Visual	20 mm Max.	20 mm Max.	20 mm Max.
Dusting	Visual	Uniform	Uniform	Uniform

#### NOTE:

- 1) Material is REACH Compliant.
- 2) We can produce material as per Mooney Viscosity requirement of customer at the time of dispatch.
- 3) \* We can produce Ash% up to 10% max as per requirement of customer.

### KEY APPLICATIONS

Applications	Butyl Inner Tubes	Tyre Inner Liner	Adhesives	Cable Beading Compound	Sound Damper	Water Proofing sheets
Usage Recommendation (PHR) *	20-30	20	30	60	50	30

\* Based on GRP formulary / GRP internal working

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