

# STANDARD SPECIFICATIONS SHEET

Technical Name	<b>ULTRA HIGH AND HIGH TENSILE NATURAL RECLAIM</b>				
Commercial Name	Testing Methods	GRP UHT100	GRP NRF75	GRP NRF65	GRP NRM60

## TECHNICAL SPECIFICATIONS

Ash %	ISO 247	7 ± 2	7 ± 2	7 ± 2	7 ± 2
Carbon Black %	ISO 1408	28 ± 3	28 ± 3	28 ± 3	28 ± 3
Acetone Extract %	ISO 1407	14.6 ± 2	14.6 ± 2	14.6 ± 2	14.6 ± 2
Volatile Matter %	ISO 248	1 Max.	1 Max.	1 Max.	1 Max.
RHC by Diff. %	By Difference	50 ± 2	48 Min.	48 Min.	48 Min.
Sp. Gravity	ISO 2781	1.13 ± 0.02	1.13 ± 0.02	1.13 ± 0.02	1.13 ± 0.02
Tensile Strength (Kg/Cm <sup>2</sup> )	ISO 37, ISO/DTS 16095	100 ± 5	75 Min.	65 Min.	60 Min.
Elongation at Break %	ISO 37, ISO/DTS 16095	270 ± 10	250 Min.	230 Min.	230 Min.
Massed Mooney Viscosity, ML (1+4) at 100°C	ASTM D1646	50 ± 15	35 - 60	35 - 60	35 - 60
Hardness (Shore A)	ISO 7619	59 ± 3	59 ± 3	59 ± 3	59 ± 3

## PHYSICAL SPECIFICATIONS

Grain Size	Visual	Fine	Fine	Fine	Medium
Sheet Thickness	Visual	20 mm Max.	20 mm Max.	20 mm Max.	20 mm Max.
Dusting	Visual	Uniform	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.

## KEY APPLICATIONS

Applications	Auto Tyre	Tread Rubber	Moulded Goods	Cycle Tyres	Solid Tyres
Usage Recommendation (PHR) *	15	15	20	50	20

\* Based on GRP formulary / GRP internal working

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