

## STANDARD SPECIFICATIONS SHEET

Technical Name	<b>WHOLE TYRE RECLAIM</b>				
Commercial Name	Testing Methods	GRP NRS40	GRP NRF40	GRP NRM35	GRP NRC35

### TECHNICAL SPECIFICATIONS

Ash %	ISO 247	7 ± 2	7 ± 2	7 ± 2	7 ± 2
Carbon Black %	ISO 1408	27 ± 3	27 ± 3	27 ± 3	27 ± 3
Acetone Extract %	ISO 1407	14.6 ± 2	14.6 ± 2	14.6 ± 2	15 ± 3
Volatile Matter %	ISO 248	1 Max.	1 Max.	1 Max.	1 Max.
RHC by Diff. %	By Difference	47 Min.	47 Min.	47 Min.	47 Min.
Sp. Gravity	ISO 2781	1.14 ± 0.02	1.14 ± 0.02	1.14 ± 0.02	1.14 ± 0.02
Tensile Strength (Kg/Cm <sup>2</sup> )	ISO 37, ISO/DTS 16095	40 Min.	40 Min.	35 Min.	35 Min.
Elongation at Break %	ISO 37, ISO/DTS 16095	200 Min.	200 Min.	190 Min.	150 Min.
Massed Mooney Viscosity, ML (1+4) at 100°C	ASTM D1646	35 ± 10	35 ± 10	35 ± 10	50 ± 10
Hardness (Shore A)	ISO 7619	59 ± 3	59 ± 3	59 ± 3	59 ± 3

### PHYSICAL SPECIFICATIONS

Grain Size	Visual	Superfine	Fine	Medium	Coarse
Sheet Thickness	Visual	20 mm Max.	20 mm Max.	25 mm Max.	25 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	Cycle Tyre	Tread Rubber	Moulded Goods	Footwear	Mattings	Conveyor Belts
Usage Recommendation (PHR) *	10	40	20	40	30	60	30

\* Based on GRP formulary / GRP internal working

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