

RECLAIM RUBBER TECHNICAL DATA SHEET

Grade: GE - 44

Sr. No.	Parameter	Unit of Measurement	Test Method (ASTM)	Specification
01.	Ash Content	%	D 297-15	10 Max.
02.	Acetone Extract	%	D 297-15	14 ± 3
03.	Carbon Black	%	E 1131	27 ± 3
04.	RHC by difference	%	E 1131	47 Min.
05.	Volatile Matter	%	D 1509	1 Max.
01.	Specific Gravity	gm/cc	D 297- 93	1.15 ± 0.05
02.	Tensile Strength	Kg/cm ²	D 412	30 Min.
03.	Elongation at Break	%	D 412	150 Min.
04.	Hardness	Shore A	D 412	59 ± 4
05.	Mooney Viscosity At the time of manufacturing.	ML ₁₊₄ @ 100°C	D 1646	25 – 45

Application:

- | | | |
|------------------------|--------------|--------------------------|
| 1. Tyres | 2. Hoses | 3. Quality moulded goods |
| 4. Conveyer belts | 5. Adhesives | 6. Extruded articles |
| 7. Calendered products | | |

Advantages:

A	Mixing and Moulding:	<ul style="list-style-type: none"> Reduced Mixing cycle time enables higher production rate. Reduced Energy Consumption
B	Calendering	<ul style="list-style-type: none"> Better penetration of compound into fabric. Reduced shrinkage and minimized crown effect.
C	Vulcanization:	<ul style="list-style-type: none"> Reduced sheet deformation. Ensures low reversion rate
D	Extrusion:	<ul style="list-style-type: none"> Less die swelling resulting in smoother extrusion. Faster extrusion rate

Storage:

Store in a cool & dry place below 60°C away from sources of heat or ignition.

Packing:

Reclaim Rubber is packed & supplied in 50 Kgs & 25 Kgs HDPE Sheets.