

## RECLAIM RUBBER TECHNICAL DATA SHEET

### Grade: GE - HT

Sr. No.	Parameter	Unit of Measurement	Test Method (ASTM)	GE - HT	GE - HT+	GE - HT ++
<b>A. Chemical Properties</b>						
01.	Ash Content	%	D 297-15	8 Max.	8 Max.	8 Max.
02.	Acetone Extract	%	D 297-15	14 ± 2	14 ± 2	14 ± 2
03.	Carbon Black	%	E 1131	28 ± 3	28 ± 3	28 ± 3
04.	RHC by difference	%	E 1131	48 Min.	48 Min.	48 Min.
05.	Volatile Matter	%	D 1509	1 Max.	1 Max.	1 Max.
<b>B. Physical Properties</b>						
01.	Specific Gravity	gm/cc	D 297- 93	1.15 ± 0.05	1.15 ± 0.05	1.15 ± 0.05
02.	Tensile Strength	Kg/cm <sup>2</sup>	D 412	70 Min.	80 Min.	90 Min.
03.	Elongation at Break	%	D 412	250 Min.	280 Min.	300 Min.
04.	Hardness	Shore A	D 412	59 ± 4	59 ± 4	59 ± 4
05.	Mooney Viscosity At the time of manufacturing.	ML <sub>1+4</sub> @ 100°C	D 1646	40 - 60	40 - 60	40 - 60

### **Application:**

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

### **Advantages:**

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

### **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.