

ReportNo:246

| | | | |
|----------------------------|-----------------------------|------------------------|---|
| Test requisition No & Date | 027/OFMK/S131 Dt 17.06.2023 | Item Description & Qty | Sealing pad V548 slabs:05 Test Buttons:100 |
| Specification | BS 2082 A20 | Grade | A8 |
| Test Method | Rubber Testing | Date of Receipt | 18.02.2025 |
| Sample No | 326 | | |

| Sl. No. | Parameters Checked | | | |
|---------|--|--|------------|------|
| 01 | Hardness (Shore - A) | | 440 | |
| 02 | Ultimate Tensile Strength (Kgf/cm ²) | | 632 | |
| 03 | Percentage Elongation at Break (Eb) | | 103 | |
| 04 | Relative Residual Elongation % | | | |
| 05 | Resistance to accelerated ageing 100°C +1 for 24Hrs Change in | | UTS | %EB |
| | | | 16.7 | 98.2 |
| 06 | Relative Residual Deformation after 50% compression in normal condition in Max | | 36 | |
| 07 | Rigidity during Compression by | (ii) 50% (kg/cm ²) (ii) 25% (kg/cm ²) | 202 324 | |
| 08 | Ash Content | | 415 | |
| 09 | Polymer Content | | 987 | |
| 10 | Apparent Density (gm/cc) | | 2.63 | |
| 11 | % Compression set at 70°C for 24Hrs | | 32.4 | |
| 12 | Ozone Resistance at 50pphm, 20% stretch, 40°C, 48Hrs | | 71 | |
| 13 | Aging Co-efficient @ 70°C for 144Hrs | | 147 | |

