

| MONARCH SELF ADHESIVE TAPES & FOAMS (I) Pvt LTD | | | |
|---|-----------------------------------|----------|---|
| POLYURETHANE SEMI REGID FOAM - TECHNICAL DETAILS | | | |
| S.NO | PROPERTIES | UNIT | SPECIFICATION |
| 1 | Material | NA | Semi- regid Polyurethane Foam |
| 2 | Colour | NA | Grey / White / Black |
| 3 | Cell Type | NA | Open Cell |
| 4 | Density | Kg/m3 | 20 / 30 / 40 |
| 5 | Tensile Strength | Kpa | > 50 |
| 6 | Elongation | % | > 60 |
| 7 | Compression Set @50 % Compression | % | Max 10 |
| 8 | Hardness | Shore 00 | Semi Regid / Regid |
| 9 | Working Temperature | Deg C | -40 to + 150 |
| 10 | Flammability | mm/min | Meets FMVSS302 / UL 94 - HF 1 |
| 11 | Adhesive | NA | NAD / S/S |
| 12 | Adhesion to Steel | N / inch | Min 15 N |
| 13 | Application & Uses | NA | Semi-rigid / Regid Polyurethane Foam is one of the most popular materials used in automotive headliner applications ,accoustic applications,dash boards, seats, thermal insulations etc |