

TECHNICAL DATA SHEET

PRODUCT : EPDM Rubber Profiles/Gaskets
MATERIAL : EPDM
COLOR : Black

| SN | Description | ASTM Test Method | Unit | Specifications |
|-----|--|------------------|------|----------------------------|
| 1 | Specific Gravity | - | - | 1.10 -1.20 |
| 2 | Hardness (Shore A) | D 2240 | IRHD | 70 ± 5 |
| 3 | Tensile Strength, min. | D 412 | MPa | 10 |
| 4 | Elongation at Break, min. | D 412 | % | 200 |
| 5 | Ageing Resistance (70 hrs @ 100°C | D 573 | - | PASS |
| 5.1 | Change in Hardness | D 573 | IRHD | 0 to +10 |
| 5.2 | Change in Tensile Strength, max. | D 573 | % | 15 |
| 5.3 | Change in Elongation at Break, max. | D 573 | % | 40 |
| 6 | Compression Set at 22 Hrs @ 70°C | D 395 | % | 30 |
| 7 | Low Temperature Flexibility | D 2137 | - | Should be Flexible@ -40 °C |
| 8 | Ozone Resistance 20% Elongation at 40°C 100PPHM at 96 Hrs | D 1149 | - | No Cracks |
| 9 | Water Resistance | - | - | Good |
| 10 | Weather Resistance | - | - | Good |

NOTE: These test's values are obtained at normal laboratory condition. Results may vary from one laboratory to another laboratory by 5% to 10%

