

Datasheet

RS PRO Gas Approved 80 Shore Nitrile (NBR) Rubber Sheeting

Stock No: 2035139



Technical Specifications:

| Nitrile Rubber | BS2751 BA80 |
|---------------------------------|------------------------|
| Colour | Black |
| Shore Hardness (IRHD) | 80° Shore |
| Recommended Working Temperature | |
| Maximum | 110°C |
| Minimum | -15 °C |
| Specific Gravity | 1.25 g/cm ³ |

Features & Benefits:

- **80 Shore High Quality Rubber Grade**
- **Gas Board Approved**
- **Chemical Resistant**
- **Oil Resistant**
- **Tear Resistant**

| Specifications | Values | Test Methods |
|---|------------------------------|-------------------------|
| Accelerated Ageing – Change in Elongation at Break (168 Hours @ 70°C) | 35% Change to Original | BS903 Part A19 Method A |
| Accelerated Ageing – Change in Tensile Strength (168 Hours @ 70°C) | -10% Change to Original | BS903 Part A19 Method A |
| Accelerated Ageing – Change in Hardness (168 Hours @ 70°C) | 10° Shore Change to Original | BS903 Part A19 Method A |
| Compression Set (22 Hours @ 70°C) | 20% Maximum | ASTM D395 Method B |
| Elongation at Break | 150% Minimum | ASTM D412 |
| Highest Recommended Working Temperature | 110°C Maximum | None |
| Lowest Recommended Working Temperature | -15°C Minimum | None |
| Liquid Resistance – Volume Change 24 Hrs @ 40°C | -0+25% | BS ISO 1817 |
| Shore Hardness (IRHD) | 80° Shore | BS903 Part A26 Method N |
| Specific Gravity | 1.25g/m ³ | ASTM D2240 |
| Tensile Strength | 12.5 MPA Minimum | ASTM D412 |

Quality Standards

- **BS2751 BA80**

