

Datasheet

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

Stock No: 2035140



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**

