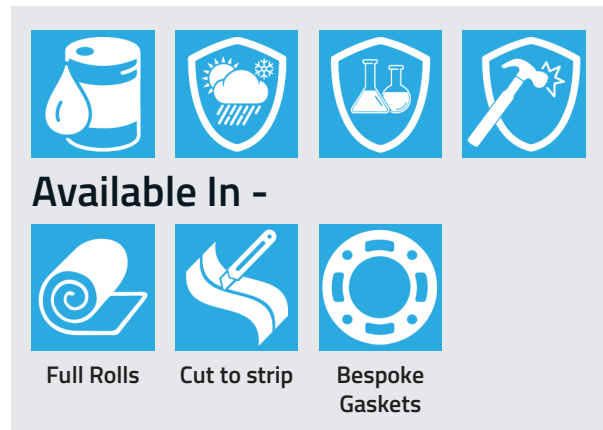


Black Closed Cell Neoprene Sponge Material Datasheet

Product Code: RC02100-1410

Material Description

Our neoprene sponge rubber is a high quality, closed cell material that combines high durability with excellent versatility. Neoprene sponge provides great UV and Ozone resistance for use in exterior environments. It is also chemically stable and provides good oil resistance, making the material ideal for use in automotive and industrial sealing applications.



Technical Specification

| Properties | Test Method | Values |
|--------------------------------------|-------------|-----------------------------|
| Product | - | Closed Cell Neoprene Sponge |
| Compound | - | CR |
| ASTM D1056-14 Classification | 2C1 B3 M | - |
| Hardness (Shore OO) | - | 40° - 45° |
| Density | ASTM D3575 | 115 - 155 Kg/m ³ |
| Tensile Strength | ASTM D412 | 480 - 530 kPa |
| Elongation at Break | ASTM D412 | 180 - 220% |
| Compression Set (25%, 22hrs @ 23°C) | ASTM D1056 | 2 - 4% |
| Compression Set (50%, 22hrs @ 23°C) | ASTM D1056 | 15 - 35% |
| Compression Deflection (25%) | ASTM D1056 | 20 - 40 kPa |
| Compression Deflection (50%) | ASTM D1056 | 50 - 70 kPa |
| Shrinkage (22hrs @ 70°C) | ASTM D573 | 8 - 12% |
| Temperature Range (Constant) | - | -40°C to +75°C |
| Temperature Range (Intermittent) | - | +90°C |
| Water absorption (Max Weight Change) | ASTM D1056 | 1 - 3% |
| Flame Resistance (>3mm) | FMVSS302 | Pass |
| Environmental Protection | - | CFC & HCFC FREE |

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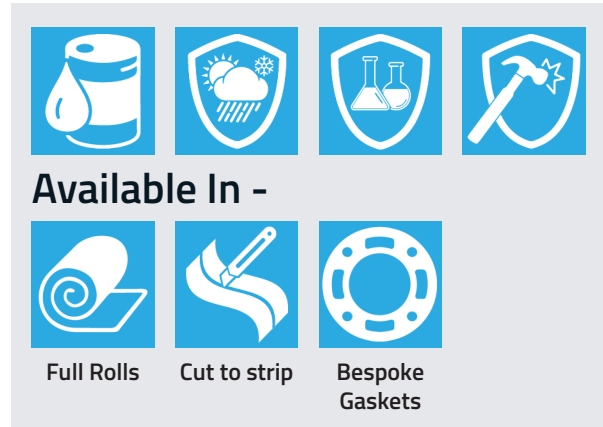
Black Closed Cell Neoprene Sponge Material Datasheet

Product Code: RC02100-1720

S.C. REF: TRC05

Material Description

Our neoprene sponge rubber is a high quality, closed cell material that combines high durability with excellent versatility. Neoprene sponge provides great UV and Ozone resistance for use in exterior environments. It is also chemically stable and provides good oil resistance, making the material ideal for use in automotive and industrial sealing applications.



Technical Specification

| Properties | Test Method | Values |
|--------------------------------------|-------------|-----------------------------|
| Product | - | Closed Cell Neoprene Sponge |
| Compound | - | CR |
| ASTM D1056-14 Classification | 2C2 B3 M | - |
| Hardness (Shore OO) | - | 40° - 50° |
| Density | ASTM D3575 | 140 - 190 Kg/m ³ |
| Tensile Strength | ASTM D412 | 500 - 550 kPa |
| Elongation at Break | ASTM D412 | 180 - 220% |
| Compression Set (25%, 22hrs @ 23°C) | ASTM D1056 | 2 - 5% |
| Compression Set (50%, 22hrs @ 23°C) | ASTM D1056 | 15 - 35% |
| Compression Deflection (25%) | ASTM D1056 | 35 - 60 kPa |
| Compression Deflection (50%) | ASTM D1056 | 70 - 120 kPa |
| Shrinkage (22hrs @ 70°C) | ASTM D573 | 4 - 8% |
| Temperature Range (Constant) | - | -40°C to +75°C |
| Temperature Range (Intermittent) | - | +90°C |
| Water absorption (Max Weight Change) | ASTM D1056 | 1 - 2% |
| Flame Resistance (>3mm) | FMVSS302 | Pass |
| Environmental Protection | - | CFC & HCFC FREE |

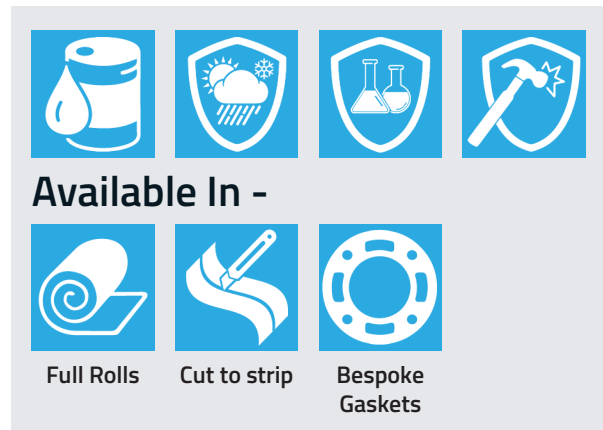
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Black Closed Cell Neoprene Sponge Material Datasheet

Product Code: RC02100-1735

Material Description

Our neoprene sponge rubber is a high quality, closed cell material that combines high durability with excellent versatility. Neoprene sponge provides great UV and Ozone resistance for use in exterior environments. It is also chemically stable and provides good oil resistance, making the material ideal for use in automotive and industrial sealing applications.



Technical Specification

| Properties | Test Method | Values |
|--------------------------------------|-------------|-----------------------------|
| Product | - | Closed Cell Neoprene Sponge |
| Compound | - | CR |
| ASTM D1056-14 Classification | 2C3 B2 M | - |
| Hardness (Shore OO) | - | 50° - 60° |
| Density | ASTM D3575 | 150 - 200 Kg/m ³ |
| Tensile Strength | ASTM D412 | 680 - 750 kPa |
| Elongation at Break | ASTM D412 | 150 - 200% |
| Compression Set (25%, 22hrs @ 23°C) | ASTM D1056 | 1 - 3% |
| Compression Set (50%, 22hrs @ 23°C) | ASTM D1056 | 8 - 15% |
| Compression Deflection (25%) | ASTM D1056 | 60 - 90 kPa |
| Compression Deflection (50%) | ASTM D1056 | 100 - 130 kPa |
| Shrinkage (22hrs @ 70°C) | ASTM D573 | 3 - 7% |
| Temperature Range (Constant) | - | -40°C to +80°C |
| Temperature Range (Intermittent) | - | +100°C |
| Water absorption (Max Weight Change) | ASTM D1056 | 1 - 2% |
| Flame Resistance (>3mm) | FMVSS302 | Pass |
| Environmental Protection | - | CFC & HCFC FREE |

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