



CORK SB210

MATERIAL SPECIFICATION SHEET

General information and application

This material is suitable where high resistance to oils, fuels and coolants is required. It is particularly suitable for transformer applications. Maximum recommended operating temperature: -20 to +135oC

Material Description

Binder: Neoprene/Nitrile Rubber

Specification Conformance

| | |
|------------------|----------------|
| ASTM | F104 F226000M9 |
| British Standard | AU120 RC80-B |
| British Standard | 2F66 |
| Defence | DEF 22 |
| DIN | 353 Part 5-A25 |

Physical Characteristics

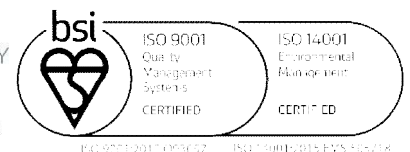
| | |
|---|-----------|
| Hardness Shore A | 60-80 |
| Specific Gravity | 0.7-0.8 |
| Density (kg/m ³) | 700-800 |
| Density (lb/ft ³) | 43.8-50.0 |
| Compressibility @ 44psi (28kg/cm ²) | 25-40 |
| Recovery (Min) % | 75 |
| Tensile Strength (Min) psi (250kg/cm ²) | 17.5 |
| Thickness Tolerance (%) Normal | +/- 10 |

Volume change after immersion

| | |
|------------------------------------|------------|
| ASTM No 1 Oil, 70 hrs @ 100. C (%) | -10 to +10 |
| ASTM No 3 Oil, 70 hrs @ 100. C (%) | 0 to +20 |
| ASTM Fuel A, 22 hrs @ 23. C (%) | 0 to +10 |

Test Method

ASTM F104



The company's products are used for a multiplicity of purposes and as the company has no control over the method of their applications or use, the company excludes all conditions or warranties, expressed or implied by statute or otherwise, as to their products and/or their fitness for any particular purpose. Any technical co-operation between the company and the customer is given for customers assistance only and without liability on the part of the company