

Charles Cantrill

LIMITED

SPECIALISTS IN ALL CORK PRODUCTS

UNIT F3, ANCHORBROOK INDUSTRIAL ESTATE, LOCKSIDE
ALDRIDGE, WEST MIDLANDS WS9 8BZ

Material Specification.

Material Grade: CC2020

1) Product Description.

Excellent general-purpose gasketing material, it's toughness and good compressibility characteristics make it highly satisfactory in a very wide range of applications. The material has a very low swelling in oils and fuels, which makes it especially suitable for transformer applications.

2) Binder.

Neoprene/Nitrile Rubber.

3) Granule size.

U.S Mesh 18/35

4) Specification Conformance

BSAU RC80-B

DEF 22 (Aircraft Industry)

BS2F66 (Minimum granule mix 65% Nitrile as per British Standard)

ASTM F 104 (F225000-M2S9)

5) Physical Characteristics.

Hardness Shore "A"

60-80

Specific Gravity

0.700-0.800

Density KG/CU.MT.

700-800

LBS/CU.FT.

43.8-50.0

Compressibility @ 440 psi. (28kg/sq.cm) %

25-40

Recovery (Min) %

75

Tensile Strength (Min) PSI

250

Kg/sq.cm

17.5

Thickness Tolerance (%)

Normal: +/- 10

6) Flexibility.

Original (F-5)

No cracks

Oven aged 70 hrs @ 100c (F=16)

No cracks

ASTM No 1 Oil 70 hrs @ 100c (F=16)

No cracks

7) Volume Change after Immersion

ASTM No 1 Oil 70 hrs @ 100c

-10 to + 10

ASTM No 3 Oil 70 hrs @ 100c

0 to + 20

ASTM Fuel A 22 hrs @ R.T

0 to + 10

8) Test Method

ASTM F 104-59.

9) Operates at up to +135c in fluid down to -30c.

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