

# Charles Cantrill

LIMITED

Grade: CC 2020.



**General information and application.**

Excellent general-purpose gasketing material, its 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.

**Material Description**

Cork granule size (mm)	U.S Mesh 18 / 35
Binder	Neoprene / Nitrile Rubber

**Specification Conformance**

- BSAU RC80-B
- DEF 22 (Aircraft Industry)
- BS2F66 (Minimum granule mix 65% Nitrile as per British Standard)
- ASTM F 104 (F225000-M2S9)

**Physical Characteristics**

Hardness, Shore *A*	60 - 80
Specific Gravity	0.7 - 0.8
Density KG / CU.MT.	700 - 800
LBS/CU.FT.	43.8 - 50.0
Compressibility @ 44 psi. (28kg/sq.cm) %	25 - 40
Recovery (Min) %	75
Tensile Strength (Min) psi. 250 Kg/sq.cm	17.5
Thickness Tolerance (%) Normal	+/- 10

**Flexibility**

Original (F5)	No cracks
Oven aged 70 hrs @ 100. C (F16)	No cracks
ASTM No 1 Oil 70 hrs @ 100. C (F16)	No cracks

**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 @ R.T.O	0 to +10

**Test Method**

ASTM F 104 - 59

Specification and test methods according to: ASTM F 104-93.