

## Specification Sheet / 01

### A355/C2020 Neoprene/Nitrile bonded cork



Certificate No. 11738-EMS-001  
ISO 9001:2015 ISO 14001:2015

#### 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 US Mesh 18/35

#### Specification Conformance

BSAU RC80-B

DEF22 (Aircraft Industry)

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

ASTM F104(F225000-M2S9)

Colour- Black

Binder-Neoprene/Nitrile Rubber

#### Physical Characteristics

Density-700-800 kg/cu.mt

43.8-50 lbs/cu.ft

Hardness Shore A-60-80

Compressibility, 44 PSI(28kg/sq.cm) - 25-40%

Recovery - 75%

Tensile Strength(min) psi.250kg/sq.cm-17.5 kg/sq.cm

#### Flexibility

Original F=5-No cracks

ASTM No 1 Oil, 70 Hrs @ 100c (F16)-No cracks

Oven aged, 70 Hrs @ 70 Hrs @ 100c (F16)-No cracks

#### 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.O (%) 0 to + 10

#### Specification according to

ASTM F104-59

Specification and test methods according to ASTM F104-93

#### Temperature range

-20 to + 120 Degrees centigrade.

#### Change Control Date

15/9/2020

#### Change

Created

