

Specification Sheet / 01

A355/C2020 Neoprene/Nitrile bonded cork



ISO9001, ISO14001, ISO45001
Certificate Ref: 11739

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

