Polymer Works, Hope Street
Dudley, West Midlands DY2 8RS

t: 01384 252555
f: 01384 252373
e: technical@advancedseals.co.uk

http://www.advancedseals.co.uk

Specification Sheet / 01
A355/C2020 Neoprene/Nitrile bonded cork

ISO9001, ISO14001, ISO45001
Certificate Ref: 11738

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	***Change***
15/9/2020	Created