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

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

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



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

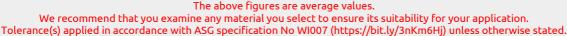
ASTM F104-59 Specification and test methods according to ASTM F104-93

# Temperature range

-20 to + 120 Degrees centigrade.

Change Control Date	Change
15/9/2020	Created





Our standard terms and conditions of trading (https://bit.lv/3b3mThw) apply at all time



# http://www.advancedseals.co.uk

