

# **DERBY GASKETS LTD.**

[www.derbygaskets.com](http://www.derbygaskets.com)

## **MATERIAL SPECIFICATION**

### **CLOSED CELL NEOPRENE/EPDM SPONGE**

Material: Blend of expanded neoprene and expanded EPDM.

ASTM Designation: D-1056-68 SCE42

ASTM Designation: D-1056-78 RE42

ASTM Designation: D1056-85 2A2

Suffix letters CE E MP

MIL-R-6130C: 11-A

Type grade: soft

Condition: medium

Colour: black (grey)

Compression Deflection: 5-9

25% (PSI) KN/m.sq.: (35-63)

Ultimate tensile strength: 100

Typical properties PSI KN/m.sq.: (700)

Elongation: 175%

Density: 120kg/cu.m

Fluid Immersion 7 days at 73F Ref FuelB. Weight change max % 250

Accelerated aging – 7 days at 158F flexibility 180 degree bend without cracking: Pass

Appearance change: None

Change in compression Deflection: +30%

Water absorption maximum weight %: 5

Odour: No objectionable odour

K Factor: 0.3

Flame resistance UL94HF.1: Pass

Temperature range: -40C to + 90C

120C (intermittent)

We reserve the right to alter the specification without notice.

Values given may vary according to manufacturing tolerances.

It is the responsibility of the purchaser to ensure material is suitable for purpose and we will provide samples for test if required

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